SET NO. 234
OFFICIAL COPY

U.S.F.W.S.
PERIODICAL

Statistical Digest 51
Fishery Statistics
of the United
States 1959.

1961

DATE OF MAGAZINE	BORROWER'S NAME
1/10/62	Iverson
	H. O. Yos
[illegible]	Ou
	[illegible]
5-21-8	

U. S. F. W. S.
PERIODICAL

Statistical Digest 51
Fishery Statistics of
the United States 1959.

1961

LIBRARY
BUR. OF COMM. FISH.
HON. BIOL. LAB.

Digitized by the Internet Archive
in 2025

https://archive.org/details/fisheries-of-the-united-states_1959_51

UNITED STATES DEPARTMENT OF THE INTERIOR, Stewart L. Udall, *Secretary*
FISH AND WILDLIFE SERVICE, Clarence F. Pautzke, *Commissioner*
BUREAU OF COMMERCIAL FISHERIES, Donald L. McKernan, *Director*

U. S. F. W. S.
PERIODICAL
Statistical
Digest 51
285261

FISH AND WILDLIFE SERVICE
STATISTICAL DIGEST 51

FISHERY STATISTICS OF THE UNITED STATES
1959

BY

E. A. POWER

PUBLISHED BY BUREAU OF COMMERCIAL FISHERIES • WASHINGTON • 1961
PRINTED AT U.S. GOVERNMENT PRINTING OFFICE, WASHINGTON

For sale by the Superintendent of Documents, U.S. Government Printing Office, Washington 25, D.C. - Price $2 (paper)

Fishery Statistics of the United States are compiled and published annually to make available information on both the economic and biological aspects of the domestic commercial fisheries.

Data on the economic aspects are necessary to persons engaged in the commercial fishery and to governmental agencies concerned with its regulation and protection. Those here given cover the total catch and value by species, the yield and value of manufactured products and byproducts, the employment of men, craft, and gear in the capture of fishery products; and related information

From the biological standpoint these data are important to sound fishery management in providing detailed information on fluctuations in the commercial catch by species, locality, and gear, and type of craft operated. They assist conservation agencies in regulating the commercial fisheries so as to produce maximum yields without depletion.

Previous statistical reports on the fishery industries were issued under the Department of the Interior in the Administrative Report series for 1938 and in the Statistical Digest series for succeeding years. Reports for preceding years were issued in the Administrative Report series of the former Bureau of Fisheries.

The following is a listing of the various editions of "Fishery Statistics of the United States" issued since 1939:

Statistical Digest Number	Title
No. 1	Fishery Statistics of the United States, 1939
4	Fishery Statistics of the United States, 1940
7	Fishery Statistics of the United States, 1941
11	Fishery Statistics of the United States, 1942
14	Fishery Statistics of the United States, 1943
16	Fishery Statistics of the United States, 1944
18	Fishery Statistics of the United States, 1945
19	Fishery Statistics of the United States, 1946
21	Fishery Statistics of the United States, 1947
22	Fishery Statistics of the United States, 1948
25	Fishery Statistics of the United States, 1949
27	Fishery Statistics of the United States, 1950
30	Fishery Statistics of the United States, 1951
34	Fishery Statistics of the United States, 1952
36	Fishery Statistics of the United States, 1953
39	Fishery Statistics of the United States, 1954
41	Fishery Statistics of the United States, 1955
43	Fishery Statistics of the United States, 1956
44	Fishery Statistics of the United States, 1957
49	Fishery Statistics of the United States, 1958
51	Fishery Statistics of the United States, 1959

FISHERY STATISTICS OF THE UNITED STATES - 1959

By E. A. POWER, Chief, Branch of Statistics

Division of Resource Development

CONTENTS

Page

Section 1. - General Review 5
- United States Summaries 12
- Relative Volume of the Catch, by Species 24
- Relative Value of the Catch, by Species 25
- United States Catch, Live Weight Basis 26
- World Catch of Fish, Crustaceans, Mollusks, etc., by Countries 27
- United States Catch Off Foreign Coasts 28
- Seed Oyster Fishery 29
- Transporting, Wholesaling, and Manufacturing 30
- Manufactured Fishery Products 31
- Canned Fishery Products and Byproducts 38
- Packaged Fish 54
- Frozen Fishery Trade 58
- Foreign Fishery Trade 67

Section 2. - New England Fisheries 76
- Sectional Summaries 82
- Maine 91
- New Hampshire 94
- Massachusetts 95
- Rhode Island 99
- Connecticut 102
- Supplementary Surveys
  - Maine - Catch off Canada 104
  - Landings at Massachusetts Ports 106
  - Maine and Massachusetts - Catch off Canada 122

Section 3. - Middle Atlantic Fisheries 126
- Sectional Summaries 129
- New York 136
- New Jersey 140
- Delaware 146
- Supplementary Survey
  - Hudson River Shad Fishery 148

Section 4. - Chesapeake Fisheries 149
- Sectional Summaries 154
- Maryland 158
- Virginia 162
- Catch by Waters 167
- Supplementary Survey
  - Potomac River Shad and Alewife Fishery 170

Section 5. - South Atlantic Fisheries 171
- Sectional Summaries 175
- North Carolina 182
- South Carolina 185
- Georgia 187
- Florida, East Coast 189
- Supplementary Surveys
  - Florida, Operating Units by Districts 192
  - Florida, Catch by Districts 193
  - South Atlantic Shrimp Fishery 196

CONTENTS - Continued

Page

Section 6. - Gulf Fisheries 202
Sectional Summaries 208
Florida, West Coast 217
Alabama. 221
Mississippi 223
Louisiana. 225
Texas. 228
Supplementary Survey
Gulf Shrimp Fishery 230
Section 7. - Pacific Coast States Fisheries. 246
Sectional Summaries 252
Alaska 261
Washington. 270
Oregon 277
California 281
Supplementary Surveys
Landings by Halibut Fleet at Seattle, Washington. 296
Whaling 297
Section 8. - Great Lakes Fisheries 298
United States and Canadian Catch 301
Sectional Summaries 304
Operating Units by Gear 314
Catch by Lakes, States, and Gear 318
Section 9. - Mississippi River Fisheries 326
Sectional Summaries 328
Operating Units by Gear 337
Catch by State, Waters, and Gear 337
Supplementary Survey
Great Lakes and Mississippi River Catch - By States and Species 360
Section 10. - Hawaii Fisheries 361
Sectional Summaries 362
Operating Units by Island and Gear 364
Catch by Islands 366
Section 11. - Review of Certain Major Fisheries 375
United States Cod Fisheries 375
Atlantic Coast Haddock Fishery 377
Pacific Coast Halibut Fishery 378
Atlantic Ocean Perch Fishery. 379
Pacific Coast Salmon Fishery 380
Pacific Coast Sardine Fishery 383
Pacific Coast Mackerel Fisheries 384
Pacific Coast Tuna Fishery. 386
Atlantic and Gulf Coast Menhaden Fishery. 388
United States Clam Fishery. 391
United States Crab Fishery. 393
United States Oyster Fishery. 395
United States Shrimp Fishery. 398
United States Summary of Fish Otter Trawl Fleet. 402
Section 12. - Historical Fishery Statistics 406
Fur Seal Industry of the Pribilof Islands, 1786 - 1959 406
Section 13. - Statistical Survey Procedure 421
Sectional Surveys. 421
Local and Special Surveys 426
Practices and Terms 428
Conversion Factors. 429
Section 14. - Glossary 431
Section 15. - Pictorial Section 438
Section 16. - Statistical Publication 456

ACKNOWLEDGMENTS

The data in this edition of "Fishery Statistics of the United States" were collected, tabulated, and prepared for publication by the staff of the Branch of Statistics under the direction of E. A. Power, William H. Dumont and Charles H. Lyles, assisted by Stacey C. Denham. Compilation of this report was under the supervision of Orville M. Allen and Francis Riley. Field surveys were supervised by the various Regional and Area offices. Project leaders in charge of field surveys were: Dwight L. Hoy, New England, Middle Atlantic, and Chesapeake States; Charles H. Lyles, South Atlantic and Gulf States; Victor J. Samson, California; Charles M. Reardon, Washington and Oregon; and Robert G. Personius, the Great Lakes and Mississippi River States.

The cooperation of the many contributors is gratefully acknowledged. Cooperators are given credit for their information in the section of the report in which the data appear.

PREFACE

This report contains a review of the fishery statistics for the year 1959 collected during 1959 and 1960 by the Branch of Statistics, Division of Resource Development. These statistics include data on the volume and value of the catch of fishery products, employment in the fisheries, quantity of gear operated, number of fishing craft employed in the capture of fishery products, and information on the volume and value of the production of manufactured fishery products and byproducts.

In assembling the data on the fisheries, all appropriate records collected by the various State fishery agencies were used. In certain areas, information complete enough to be used by the statistical agents was available from State agencies, and in these States only partial surveys were conducted. Information on the means of collecting the data and an explanation of terms used may be found in Section 13 of this publication. Statistics on the imports and exports of fishery products were furnished by the Bureau of the Census.

Complete statistical surveys covering the fisheries of the United States were conducted in all areas for 1959. Section 13 of this publication contains a chart indicating the areas for which statistical surveys have been conducted from 1880 to 1959. The 1959 survey was the ninth complete annual survey made for all sections. The first was made by the Bureau of the Census for 1908. Others were made by the former Bureau of Fisheries and the Fish and Wildlife Service for the years 1931, 1950, and for the years 1954 to 1959 inclusive.

To assist persons interested in reviewing historical statistics of the domestic fisheries a bibliography was published in "Fishery Statistics of the United States, 1956," listing the sources of data on the fisheries of the various regions of the United States for the years from 1880 to 1956.

SECTION 1 - GENERAL REVIEW

The commercial fisheries of the fifty United States in 1959 yielded a catch of 5,121,953,000 pounds valued at 346,051,000 dollars to the fishermen. Compared with the previous year, the volume of the catch increased 386 million pounds or 8 percent, while the value declined 24.6 million dollars or 7 percent. The average price paid to fishermen in 1959 was 6.8 cents per pound -- about one cent less than the previous year. The increase in catch was caused by record landings of menhaden. Other major items showing significant gains were Pacific sea herring and shrimp. Large declines occurred in the production of Pacific sardines, salmon, Atlantic sea herring, tuna, and alewives.

Menhaden continued to rank first in volume among the species taken by United States fishermen -- a position it has held continuously since 1946. The catch totaled a record 2.2 billion pounds -- 43 percent of the total United States production of all species of fish and shellfish, etc. Landings were up in all areas with the yield in the Gulf States reaching a record 752 million pounds -- a gain of 70 percent over the previous year's catch in these States. Despite a record production, the menhaden industry was in serious difficulty at the end of the year. A large increase in the manufacture of low cost fish meal in Peru disrupted the world market for meal. The record domestic production of meal, heavy imports, and a sharp decline in the price of meal resulted in the year ending with inventories of meal at a high level and prices down from about 130 dollars per ton at the beginning of the year to less than 100 dollars.

The tuna fishery was disrupted by prolonged ex-vessel price disputes resulting in a tie-up of over five months for the California fleet of tuna clippers and over two months for the purse seine fleet. This reduced the United States tuna catch to only 286 million pounds -- 42 million pounds less than in the previous year. Albacore was the only major species to show a gain. Catches of bluefin declined 15 million pounds; skipjack, 19 million pounds; and yellowfin, 16 million pounds. Late in 1959, it became apparent that the large tuna purse seiners, converted from tuna clippers, were proving unusually successful in taking tuna. The vessels were making 30-day trips in contrast to an average of 80 days for tuna clippers. The conversion was made possible by the development of the "Puretic" power block and the use of large nylon seines. Use of the block permits reducing the number of men on the vessel and cuts by about one-half the time required to haul the net. By the end of 1959 fifteen converted seiners were in operation, 20 were being converted, and there were plans for many additional conversions.

Prices for tuna declined sharply during the year. The 1959 average price for yellowfin tuna was 260 dollars per ton compared with 270 dollars in 1958, while that for skipjack was 212 dollars -- 19 dollars below the previous year's average. As a result of the sharp decline, the auction method of selling was discontinued late in the year.

The 1959 catch of shrimp (240 million pounds, valued at 58 million dollars) yielded more revenue to United States fishermen than any other species. Increased catches were made in the middle and western Gulf, the South Atlantic States, and the Pacific Coast States. Large runs of brown shrimp in Louisiana and Mississippi during the late spring and early summer and off the Texas Coast in the late summer and early fall contributed chiefly to the increase. As a result of larger landings; shrimp strengthened its position as a major fishery of the United States occupying the number one position in value and fourth position in volume. With respect to food-fishes it was exceeded only by tuna in volume.

Despite heavier landings the shrimp industry faced many problems during the year. Prices declined rather steadily resulting in a 20 percent loss in value when compared with the previous year. Vessel owners were particularly hard hit with stabilized or increased costs and lower returns for the catch. This resulted in reduced crewmen for each vessel in several sections during the periods of light catches.

In an attempt to increase profits some units of the fleet transferred to waters off Central and South American countries where the shrimp grounds had not previously been worked with any degree of intensity. Trade association groups requested Congress to restrict the quantity of imports, particularly from those countries which had recently developed their shrimp fisheries.

The inshore and offshore waters of the Gulf of Mexico accounted for 80 percent of the volume and 87 percent of the value. While the Pacific Coast States contributed nearly 9 percent of the volume they accounted for only 2 percent of the value.

The salmon fishery in the four Pacific Coast States, in 1959, yielded a commercial catch of only 202 million pounds -- the smallest during the century. Landings in Alaska were 39 percent less than in 1958; while the Oregon catch was down 35 percent, and Washington, 22 percent. However, large catches of chinook and silver in California raised that States catch to 6.8 million pounds -- 85 percent more than in the previous year. Although California is not considered a major salmon producing State, its 1959 catch exceeded that for Oregon. California also led Washington in the catch of chinook salmon.

The decline in the salmon catch was caused principally by reduced catches of chum and pink salmon in Alaska, where production of these species was down 29 million pounds and 73 million pounds, respectively; and red salmon in Puget Sound, where the catch was down 23 million pounds. Landings of all species of salmon were less than in 1958. However, the catch in some areas increased. In Alaska, the catch of red salmon was up nearly 9 million pounds. The Puget Sound catch of pink salmon, while not large for an odd-year run, amounted to 13.6 million pounds compared with only 23 thousand pounds in 1958; and the California catches of both chinook and silver salmon were up sharply.

Prohibition of salmon traps in Alaska, except for a few operated by Indian tribal communities, reduced the catch by this once major type of gear to only 1 percent of the total salmon taken in the Pacific Coast States. In 1958 this gear took 20 percent of the salmon catch while it captured 41 percent in 1934, when pound nets were the principal salmon gear in Alaska, and the last year they were allowed in Washington except on Indian reservations.

The 1959 pack of canned salmon amounting to 2,465,213 standard cases (118,330,224 pounds) was valued at 71,827,335 dollars to the packers. This was a decline of 34 percent in volume and 23 percent in value compared with the 1958 production. In Alaska the pack of all species, except red or sockeye, was less than in 1958, and the pack was the smallest since 1900.

Sardines were somewhat scarce in 1959 yielding a catch of only 74 million pounds valued at 1.5 million dollars. Compared with 1958, which marked the return of the sardine after a partial absence since 1951, this was a decrease of 64 percent in volume and 73 percent in value. Purse seiners and lampara rigs once again accounted for most of the catch. The 1959 sardine pack amounted to only 755 thousand cases compared with 2,223 thousand cases in 1958. This low production reduced supplies which caused improvement in the market by the end of the year.

The 1959 catch of jack and Pacific mackerel amounted to 75.3 million pounds valued at 1.9 million dollars. This represented an increase over 1958 of 25.4 million pounds or 51 percent in volume and 649 thousand dollars or 51 percent in value. Despite the substantial increase, the catch was considerably below the 144 million pounds taken in 1957. The pack of canned mackerel amounted to 587 thousand cases valued at 4.2 million dollars. The pack yielded canners an average of 65 cents less per standard case than in 1958.

GENERAL REVIEW

The 1959 catch of anchovies amounting to 7.2 million pounds valued at 100 thousand dollars was less than for any year since 1951. Compared with 1958 the catch was down 4.7 million pounds or 39 percent in volume and 69 thousand dollars or 60 percent in value. In addition to being scarce, the fish were smaller than the size preferred for canning. The pack of anchovies amounted to 4,275 cases, only 8 percent of the 1958 pack of 53,735 cases. The ex-vessel cannery price remained steady at 25 dollars per ton during 1959. However, the value of the canned product increased over a dollar per case compared with 1958.

The 1959 catch of sea herring, the fifth ranking item in the United States fisheries, amounted to 236 million pounds -- 15 percent under the previous year's production. Compared with 1958, Atlantic herring, showed a decrease of 58 million pounds, while the Pacific herring catch increased 15 million pounds. In Maine, where most of the herring is canned as sardines or pet food, imports of this species from Canada totaled nearly 65 million pounds, 26 million pounds over 1958. Most of the domestically-caught and imported Atlantic herring was used to pack 1.8 million cases of sardines. Many of the herring taken in Maine were too large for canning. Over 3 million pounds of Atlantic herring were exported from Maine to Canadian packers, compared with over 13 million pounds in 1958. Most of the catch of Pacific herring was used to produce 8,444 tons of meal and 1.8 million gallons of oil.

The 1959 North Pacific halibut catch by United States and Canadian craft totaled 71.4 million pounds (dressed weight) -- 6 million pounds more than in 1958. United States fishermen took 40.3 million pounds, 4 million pounds more than in 1958 -- while Canadian fishermen increased their catch from 29 million to 31 million pounds. The Canadian catch accounted for 43 percent of the total production -- a slight decline percentagewise from the previous year but the greatest tonnage ever taken by the Canadians. A total of 349 vessels and 26 boats comprised the regular United States halibut fleet during 1959. The International Pacific Halibut Commission in an effort to encourage fishing west of the Shumagin Islands and in the Bering Sea (Area 313) continued the extended April 1 to October 16 season in these waters.

The Canadians continued the trend established in recent years to land more of their catches in Alaska and at Seattle. This resulted in a record catch of over 10 million pounds from the area.

Combined Atlantic groundfish landings (cod, cusk, haddock, hake, pollock, and ocean perch) amounted to nearly 328 million pounds valued at over 21 million dollars. Compared with 1958, this was a decrease of 21 million pounds or 6 percent, and 1.2 million dollars or 5 percent. Cod (46 million pounds), cusk (2.2 million pounds), and hake (5 million pounds) showed increases compared with 1958. Haddock landings totaled 113 million pounds valued at 11 million dollars -- a decrease of 7 million pounds and 800 thousand dollars compared with the previous year. The 1959 catch of this species was the lowest since 1923. Scrod-sized haddock continued scarce on Georges and Browns Banks, and for the second consecutive year fell behind large haddock. Ocean perch landings, which amounted to 137 million pounds, were 12 million pounds or 8 percent less than the previous year. Pollock yielded a catch of over 24 million pounds -- 8 million pounds less than in 1958. Pollock could have been landed in greater volume had there been a market for the fish. Imports of groundfish fillets and blocks, which are in direct competition with the domestic production of these items, were again received in record volume. The domestic production of groundfish fillets amounted to 91 million pounds -- about 8 million pounds less than in the previous year -- while imports totaled nearly 185 million pounds, an increase of 38 million pounds or 26 percent over the 1958 receipts.

GENERAL REVIEW

The 1959 production of oyster meats was undoubtedly the smallest in over a century. The catch of 64.7 million pounds of meats valued at 29.5 million dollars was 3 percent less in both volume and value than the previous year. Gains were registered in the Gulf, South Atlantic, Pacific and New England States but these were not sufficient to overcome the severe decline in the Middle Atlantic and Chesapeake States. Diseases, such as Dermocystidium marina and others, and predators continued to reduce production in the Middle Atlantic States, and the disease that caused such extensive oyster mortality in the Delaware Bay area was found in some Chesapeake areas. The increase in the Gulf States was largely the result of an unusually good harvest in Texas where reefs that had not produced in many years began to yield very good catches. Heavier rainfall and added fishing effort contributed to the larger catches. The increase in the South Atlantic States was largely the result of better planting techniques and improved management practices.

The Chesapeake Bay States accounted for 51 percent of the total volume and 70 percent of the value of the 1959 harvest. The Gulf States accounted for 21 percent of the volume but only 13 percent of the value of the catch.

The catch of crabs in 1959 amounted to a record 174.6 million pounds valued at 14.8 million dollars to the fishermen. Compared with 1958 this was an increase of 8.3 million pounds or 5 percent in volume and 2.4 million dollars or 20 percent in value.

The Pacific Coast States (55.9 million pounds) led all other areas in production accounting for 32 percent of the volume and 44 percent of the value. The Chesapeake States were in second place with 45.5 million pounds or 26 percent of the volume and 27 percent of the value. The South Atlantic States followed with 22 percent of the volume but accounted for only 14 percent of the value. The Gulf States accounted for 17 percent of the volume but only 12 percent of the value. The remaining 3 percent of both volume and value was taken in the New England and Middle Atlantic States.

The production of blue crabs (116.5 million pounds) accounted for 67 percent of the total volume. Crabs were less plentiful in the Chesapeake Bay area resulting in more intense fishing in the South Atlantic and Gulf States.

Dungeness crabs (36.9 million pounds) accounted for 21 percent of the volume while king crabs set a new record with 18.8 million pounds or 11 percent of the catch.

The following table represents recorded production for the areas in which surveys were made for the years shown and estimates for other regions. Data have been collected on the catch in all areas for the years following 1953. Hawaii data have been included for all years.

UNITED STATES CATCH, 1946 - 1959

Year	Pounds	Value to the fishermen	Average Price per pound
1946	4,466,989,000	$312,931,000	7.01¢
1947	4,349,105,000	311,590,000	7.16
1948	4,513,362,000	371,112,000	8.22
1949	4,803,752,000	342,718,000	7.13
1950	4,900,826,000	347,384,000	7.09
1951	4,433,393,000	364,825,000	8.23
1952	4,432,403,000	363,610,000	8.20
1953	4,486,822,000	356,073,000	7.94
1954	4,762,453,000	359,348,000	7.55
1955	4,809,377,000	338,891,000	7.05
1956	5,268,246,000	372,193,000	7.06
1957	4,789,186,000	353,720,000	7.39
1958	4,747,206,000	373,311,000	7.86
1959	5,121,953,000	346,051,000	6.76

GENERAL REVIEW

Reedville, Virginia, with landings of 324 million pounds, mainly menhaden, was the leading United States fish landing port in 1959. San Pedro, California, which is usually in first place, was second, with landings of 296 million pounds, consisting largely of tuna, and jack and Pacific mackerel. Lewes, Delaware, a menhaden port, was in third place, with landings of 283 million pounds; Cameron, Louisiana, a menhaden and shrimp port, was fourth (237 million pounds); and Gloucester, Massachusetts was fifth, with receipts of 229 million pounds, consisting largely of whiting, ocean perch, menhaden, haddock, and unclassified fish taken for reduction. San Pedro, California occupied first place among United States fishing ports with respect to the ex-vessel value of landings (26 million dollars); followed by New Bedford, Massachusetts, 15.7 million dollars; and Boston, Massachusetts, 11.2 million dollars.

In 1959 for the first time, the catch of fish for industrial purposes and for animal feeding (2,753 million pounds) exceeded the quantity taken for human consumption (2,369 million pounds). The catch taken for reduction consisted of 2,519 million pounds, which was manufactured into meal, solubles, and oil; 170 million pounds fresh, frozen, and canned, used for direct animal feeding; 50 million pounds used as bait; 12 million pounds of mussel shells used in the manufacture of buttons; and 2 million pounds used for other purposes.

It is estimated that the 1959 catch was marketed as follows: 1,539 million pounds (round weight) as fresh and frozen, 977 million pounds for canning, 83 million pounds for cured products, and 2,523 million pounds for manufacture into industrial products, About 678 million pounds of waste from filleting, canning, and otherwise preparing fish for market were also used in the manufacture of industrial products.

The per capita consumption of fish and shellfish in the United States amounted to 10.7 pounds (edible weight) during 1959 -- the same as in the previous year.

Consumption of fresh and frozen items amounted to 5.9 pounds; canned, 4.2 pounds; and cured, 0.6 pounds. Canned tuna was the principal item consumed, with groundfish in the form of fillets, sticks, and portions second.

Canned fishery products were packed by 359 firms in the United States, Puerto Rico, and American Samoa in 1959. The pack amounted to 975 million pounds valued at 348 million dollars to the packers -- a decrease of 11 percent in volume and 10 percent in value compared with the previous year. The pack consisted of 628 million pounds of fish and shellfish canned for human food and 347 million pounds canned for use as animal food and bait. Packs of salmon, and Maine and Pacific sardines were down sharply compared with the previous year, and were responsible for the decrease in the volume and value of the items canned for human food.

Industrial fishery products were manufactured by 212 plants in 1959. The production of fish meal and scrap amounted to 307 thousand tons -- 58 thousand tons more than in 1958. There were 25 million gallons of fish and fish-liver oils produced in 1959 -- 3 million gallons more than in the previous year. The production of fish solubles and homogenized-condensed fish, totaling 331 million pounds, was 27 percent more than in 1958.

During 1959, the production of fresh and frozen packaged fish fillets and steaks in the United States totaled 147.2 million pounds valued at 46.2 million dollars to the processors. Compared with 1958, this represented a decrease of 8.6 million pounds in volume and 5.1 million dollars in value. Fillets of Atlantic ocean perch, flounder, and haddock -- the principal items produced -- accounted for 64 percent of the volume and 63 percent of the value.

GENERAL REVIEW

A total of 336.6 million pounds of fishery products was frozen by over 290 domestic freezing plants which reported their activities to the Bureau during 1959. Of the total, 227.1 million pounds consisted of fish and 109.5 million pounds, shellfish. Leading products frozen were shrimp, fillets and steaks (consisting principally of haddock and ocean perch), various species for bait and animal food, halibut, and dressed whiting. It is estimated that the live weight of the items frozen amounted to 551 million pounds.

United States foreign trade in fishery products in 1959 was valued at 411 million dollars, of which 367 million dollars represented the value of products imported for consumption -- a record -- and 44 million dollars the value of exports of domestic fishery products. The value of fishery imports entered for consumption in 1959 was 12 percent greater than in the previous year, while the value of exports of domestic fishery products increased 43 percent. Important items received in considerably greater volume during 1959 were frozen tuna, shrimp, groundfish fillets, and canned tuna. During 1959, imports of groundfish and ocean perch fillets, including blocks and slabs, and receipts classified as bits and pieces, were estimated to have totaled a record 185 million pounds, compared with a domestic production of only 91 million pounds.

There were 479 vessels documented as fishing vessels for the first time in 1959 compared with 684 vessels in the previous year -- a decline of 30 percent. The decrease in newly-documented fishing craft during 1959 occurred mainly in the South Atlantic and Gulf States.

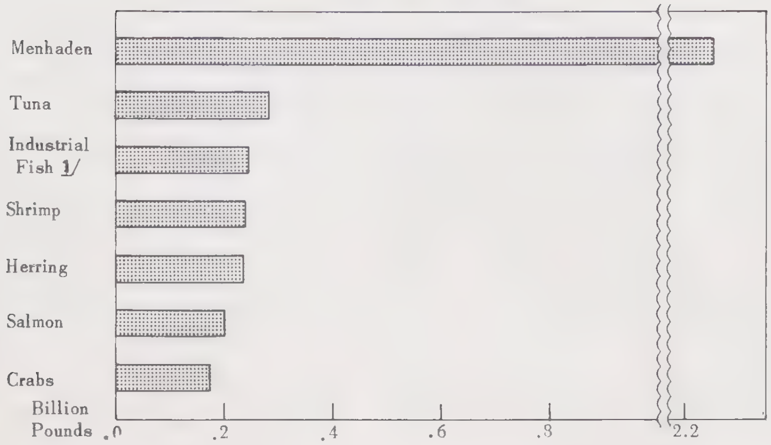
VESSELS FIRST DOCUMENTED AS FISHING CRAFT, 1950 - 1959

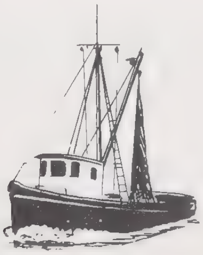
Year	Number
1950	812
1951	780
1952	675
1953	729
1954	717
1955	418
1956	521
1957	601
1958	684
1959	479

Detailed summaries of the catch and operating unit data for the United States have been previously published in Current Fishery Statistics No. 2468. Summaries of operating unit and catch statistics for each region of the United States also have been previously printed in the Current Fishery Statistics series of bulletins. Of importance also to those interested in the most recent fishery data available is the annual publication "Fisheries of the United States, A Preliminary Review," (Fishery Leaflet 393) which is available in April of each year. It contains preliminary data on many aspects of the fisheries for the previous calender year, with comparative data for previous years. This publication may be obtained free from the Office of Information, United States Fish and Wildlife Service, Washington 25, D. C.

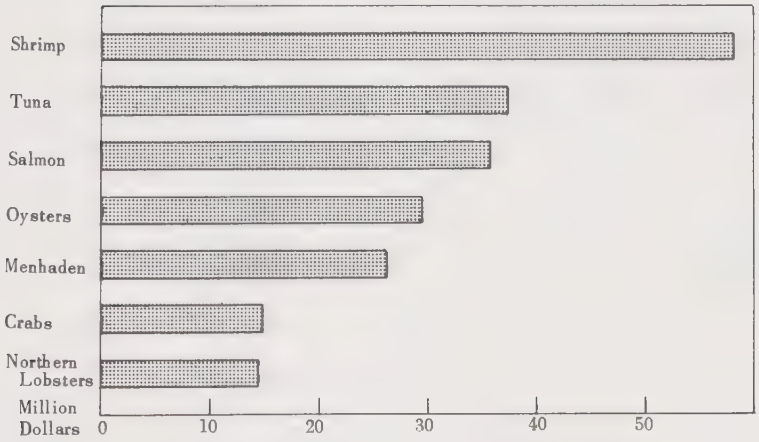
A list of current statistical publications of the Bureau, containing data on the domestic fisheries, is included in Fishery Leaflet No. 432 entitled "Fishery Statistical Publication of the Bureau of Commercial Fisheries." The publication also lists other Federal agencies, interstate commissions, and international and non-governmental sources of fishery statistics. Copies of this leaflet may likewise be obtain free from the Office of Information.

CATCH OF CERTAIN SPECIES, 1959





VALUE OF CATCH OF CERTAIN SPECIES, 1959



1/ UNCLASSIFIED SPECIES FOR BAIT, REDUCTION, AND ANIMAL FOOD.

GENERAL REVIEW

SUMMARY OF CATCH, 1959

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

REGION	FISH		SHELLFISH, ETC.		WHALE PRODUCTS		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
NEW ENGLAND.	869,056	36,795	64,150	29,441	-	-	933,206	66,236
MIDDLE ATLANTIC.	720,334	13,458	40,095	9,305	-	-	760,429	22,763
CHESAPEAKE	502,259	11,198	87,097	27,247	-	-	589,356	38,445
SOUTH ATLANTIC	399,032	8,794	69,680	10,076	-	-	468,712	18,870
GULF	914,958	20,447	239,993	57,193	-	-	1,154,951	77,640
PACIFIC.	932,137	91,553	111,718	11,758	11,395	875	1,055,250	104,186
GREAT LAKES.	65,817	7,104	-	-	-	-	65,817	7,104
MISSISSIPPI RIVER AND TRIBUTARIES	64,337	6,768	13,325	860	-	-	77,662	7,628
HAWAII	16,531	3,155	39	24	-	-	16,570	3,179
TOTAL	4,484,461	199,272	626,097	145,904	11,395	875	5,121,953	346,051

SUMMARY OF OPERATING UNITS, 1959

ITEM	NEW ENGLAND	MIDDLE ATLANTIC	CHESAPEAKE	SOUTH ATLANTIC	GULF
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS	4,501	3,155	3,778	4,117	12,161
ON BOATS AND SHORE . . .	16,550	5,026	16,181	10,071	10,794
TOTAL.	21,051	8,181	19,959	14,188	22,955
VESSELS:					
MOTOR.	758	582	1,129	1,219	3,678
NET TONNAGE.	26,282	17,369	13,831	23,891	88,774
SAIL	-	-	73	-	-
NET TONNAGE.	-	-	760	-	-
TOTAL VESSELS. . . .	758	582	1,202	1,219	3,678
TOTAL NET TONNAGE. .	26,282	17,369	14,591	23,891	88,774
BOATS:					
MOTOR.	10,703	3,002	9,834	5,451	7,468
OTHER.	674	446	1,304	1,264	818
ACCESSORY BOATS.	167	184	138	230	269
GEAR:					
HAUL SEINES.	19	78	345	199	84
STOP NETS AND SEINES . .	107	3	2	-	-
PURSE SEINES AND LAMPARA NETS:					
MACKEREL	4	-	-	-	-
MENHADEN	17	58	31	71	78
TUNA	1	-	-	-	-
OTHER.	-	8	-	10	3
BAG NETS	7	-	-	28	-
BEAM TRAWLS.	-	9	-	-	-
OTTER TRAWLS:					
CRAB	-	-	-	288	-
FISH	662	328	124	88	303
SHRIMP	-	-	-	2,343	8,165
WEIRS.	134	5	-	-	-
POUND NETS	67	164	3,631	899	-
FLOATING TRAPS	42	-	-	-	-
FYKE AND HOOP NETS . . .	32	244	2,161	474	9,450
POTS AND TRAPS:					
CONCH.	1,030	50	-	-	-
CRAB	1,243	5,444	169,545	43,856	49,225
CRAWFISH	-	-	-	-	3,950

(CONTINUED ON NEXT PAGE)

SUMMARY OF OPERATING UNITS, 1959 - Continued

ITEM	NEW ENGLAND	MIDDLE ATLANTIC	CHESAPEAKE	SOUTH ATLANTIC	GULF
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
GEAR - CONTINUED:					
POTS AND TRAPS - CONT'D.					
EEL	836	1,367	9,933	1,060	-
FISH	-	24,450	6,248	13,233	340
LOBSTER	845,832	10,962	-	18,100	33,612
TURTLE	-	222	704	15	-
BOX TRAPS	5	-	-	-	-
SLAT TRAPS	-	-	3	-	-
GILL NETS:					
ANCHOR	35	73	424	1,702	87
DRIFT	77	131	1,138	822	27
RUNAROUND	-	37	-	547	1,053
STAKE	16	167	2,808	1,493	4
TRAMMEL NETS	-	-	-	32	520
HOOKS AND BAITS	408,137	307,594	1,117,925	1,188,574	1,239,985
DIP NETS	823	81	546	1,234	15,180
PUSH NETS	-	12	-	-	-
CAST NETS	-	-	-	74	32
HARPOONS	150	14	-	-	-
SPEARS	5	34	-	92	103
SCRAPES	-	-	586	-	-
DREDGES:					
CLAM	84	223	266	10	-
CRAB	-	110	320	64	-
MUSSEL	2	-	-	-	-
OYSTER	38	156	903	280	912
SCALLOP	1,528	1,153	44	87	69
OTHER	-	-	1	-	-
TONGS AND OYSTER GRABS	921	2,658	8,939	391	1,549
RAKES	728	1,938	1,195	274	-
HOES	3,042	80	-	-	-
FORKS	16	-	-	-	2
BRUSH TRAPS	-	-	-	-	16,200
GRABS, FROG	-	-	-	-	57
HOOKS:					
SPONGE	-	-	-	-	37
OTHER	-	1	-	-	-
DIVING OUTFITS	399	-	-	-	8

ITEM	PACIFIC	GREAT LAKES	MISSISSIPPI RIVER AND TRIBUTARIES	HAWAII	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS	15,741	1,497	-	343	42,920
ON BOATS AND SHORE	14,750	2,354	9,994	345	86,065
TOTAL	30,491	3,851	9,994	688	128,985
VESSELS:					
MOTOR	4,621	511	-	64	12,036
NET TONNAGE	85,099	6,390	-	1,066	245,685
SAIL	-	-	-	-	73
NET TONNAGE	-	-	-	-	760
TOTAL VESSELS	4,621	511	-	64	12,109
TOTAL NET TONNAGE	85,099	6,390	-	1,066	246,445
BOATS:					
MOTOR	8,659	1,013	8,381	224	54,735
OTHER	430	173	737	39	5,885
ACCESSORY BOATS	1,422	137	-	25	2,572
GEAR:					
HAUL SEINES	517	119	347	(1)	1,708
STOP NETS AND SEINES	-	-	-	-	112
PURSE SEINES AND LAMPARA NETS:					
HERRING	35	-	-	-	35
MACKEREL	123	-	-	-	127
MENHADEN	-	-	-	-	222

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

SUMMARY OF OPERATING UNITS, 1959 - Continued

ITEM	PACIFIC	GREAT LAKES	MISSISSIPPI RIVER AND TRIBUTARIES	HAWAII	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
GEAR - CONTINUED:					
PURSE SEINES AND LAMPARA NETS - CONTINUED:					
SALMON	1,089	-	-	-	1,089
SARDINE	123	-	-	-	123
TUNA	97	-	-	-	98
OTHER	68	-	-	-	89
BAG NETS	-	-	-	(1)	35
BEAM TRAWLS	44	-	-	-	53
OTTER TRAWLS:					
CRAB	26	-	-	-	314
FISH	230	10	2	-	1,638
SHRIMP	59	-	-	-	10,094
WEIRS	1	-	76	-	216
POUND NETS	6	430	24	-	5,221
TRAP NETS	-	3,620	95	-	3,715
FLOATING TRAPS	11	-	-	-	53
FYKE AND HOOP NETS	-	791	59,666	-	72,818
POTS AND TRAPS:					
CONCH	-	-	-	-	1,080
CRAB	92,956	-	-	-	362,269
CRAWFISH	650	-	13,800	-	18,400
EEL	-	-	-	-	13,196
FISH	50	-	7,440	(1)	51,761
LOBSTER	13,800	-	-	-	922,306
OCTOPUS	100	-	-	-	100
SHRIMP	310	-	-	-	310
TURTLE	-	-	-	-	941
BOX TRAPS	-	-	-	-	5
SLAT TRAPS	-	-	-	-	3
GILL NETS:					
ANCHOR	2,006	3,124	8,797	(1)	16,248
DRIFT	5,193	-	-	-	7,388
RUNAROUND	-	-	-	-	1,637
STAKE	-	-	-	-	4,488
TRAMMEL NETS	6	-	3,263	-	3,821
HOOKS AND BAITS	1,056,818	37,997	3,586,424	(1)	8,943,454
DIP NETS	282	-	632	-	18,778
BRAIL OR SCOOP NETS	568	-	-	-	568
LIFT NETS	-	-	-	(1)	-
REEF NETS	104	-	-	-	104
PUSH NETS	-	-	-	-	12
WHEELS	8	-	-	-	8
CAST NETS	-	-	-	-	106
HARPOONS	56	-	-	-	219
SPEARS	-	-	-	(1)	234
SCRAPES	-	-	-	-	586
DREDGES:					
CLAM	2	-	-	-	578
CRAB	-	-	-	-	494
MUSSEL	-	-	-	-	2
OYSTER	103	-	-	-	2,392
SCALLOP	-	-	-	-	2,867
OTHER	-	-	-	-	1
TONGS AND OYSTER GRABS	25	-	-	-	14,483
RAKES	-	-	-	-	4,135
HOES	-	-	-	-	3,122
FORKS	-	-	-	-	18
SHOVELS	2,904	-	-	-	2,904
BRUSH TRAPS	-	-	-	-	16,200
CROWFOOT BARS	-	-	856	-	856
GRABS, FROG	-	-	174	-	231
HOOKS:					
SPONGE	-	-	-	-	37
OTHER	-	-	-	-	1
DIVING OUTFITS	71	-	-	-	478

1/ DATA NOT AVAILABLE.

UNITED STATES SUMMARY OF FISHING VESSELS, BY TONNAGE GROUPS, 1959

NET TONS	NEW ENGLAND	MIDDLE ATLANTIC	CHESA-PEAKE	SOUTH ATLANTIC	GULF	PACIFIC	GREAT LAKES	HAWAII	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
5 - 9	168	148	885	536	735	2,209	191	20	4,827
10 - 19	181	169	174	330	1,020	1,348	253	25	3,367
20 - 29	103	82	54	167	851	513	51	10	1,699
30 - 39	78	67	35	104	607	202	14	6	1,006
40 - 49	51	29	16	20	235	77	2	2	411
50 - 59	44	20	11	7	110	49	-	1	225
60 - 69	31	7	4	3	33	28	-	-	98
70 - 79	16	9	5	6	14	50	-	-	93
80 - 89	29	9	4	2	17	19	-	-	73
90 - 99	13	-	2	3	10	17	-	-	44
100 - 109	6	8	2	8	9	7	-	-	37
110 - 119	12	14	1	5	8	6	-	-	44
120 - 129	2	3	3	3	8	9	-	-	25
130 - 139	6	6	3	8	8	14	-	-	38
140 - 149	5	3	1	4	1	4	-	-	14
150 - 159	4	2	-	3	3	10	-	-	19
160 - 169	3	1	-	1	1	6	-	-	11
170 - 179	5	1	-	3	2	10	-	-	21
180 - 189	-	-	-	1	-	19	-	-	20
190 - 199	1	-	-	1	1	11	-	-	13
200 - 209	-	2	-	1	-	3	-	-	5
210 - 219	-	-	-	-	-	3	-	-	3
220 - 229	-	2	-	2	-	2	-	-	4
230 - 239	-	-	-	-	-	1	-	-	1
250 - 259	-	-	1	-	-	1	-	-	2
260 - 269	-	-	1	1	1	-	-	-	2
270 - 279	-	-	-	-	-	2	-	-	2
280 - 289	-	-	-	-	1	-	-	-	1
330 - 339	-	-	-	-	1	-	-	-	1
340 - 349	-	-	-	-	1	-	-	-	1
360 - 369	-	-	-	-	-	1	-	-	1
380 - 389	-	-	-	-	1	-	-	-	1
TOTAL VESSELS . . .	758	582	1,202	1,219	3,678	4,621	511	64	12,109
TOTAL NET TONNAGE .	26,282	17,369	14,591	23,891	88,774	85,099	6,390	1,066	246,445

UNITED STATES - CATCH BY REGION, 1959

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	NEW ENGLAND		MIDDLE ATLANTIC		CHESAPEAKE		SOUTH ATLANTIC		GULF	
FISH	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
ALEWIVES	13,678	142	48	1	21,931	334	14,170	142	49	2
AMBERJACK	1	(1)	3	(1)	-	-	49	3	12	(1)
ANCHOVIES	40	3	-	-	-	-	-	-	-	-
ANGLERFISH	11	(1)	32	1	-	-	(1)	(1)	-	-
BALLYHOO	-	-	-	-	-	-	5	1	118	16
BARRACUDA	-	-	-	-	-	-	3	(1)	6	(1)
BLUEFISH	31	5	642	131	213	30	2,025	224	913	101
BLUE RUNNER	-	-	-	-	-	-	87	5	641	25
BONITO	97	8	132	14	19	2	3	(1)	1	(1)
BOWFIN	-	-	-	-	-	-	4	(1)	15	(1)
BUFFALOFISH	-	-	-	-	-	-	-	-	749	90
BUTTERFISH	4,539	354	4,363	414	1,490	120	431	34	-	-
CABIO	-	-	-	-	36	5	21	2	33	2
CARP	1	(1)	64	4	1,058	36	399	12	18	1
CATFISH AND BULLHEADS	-	-	53	4	3,705	250	10,212	1,332	4,911	912
CIGARFISH	-	-	-	-	-	-	-	-	296	23
COD	40,758	2,842	5,240	452	483	18	-	-	-	-
CRAPPIE	-	-	-	-	1	(1)	-	-	-	-
CREVALLE	10	1	-	-	-	-	112	4	1,181	28
CROAKER	-	-	11	1	8,493	1,388	3,151	237	187	13
CUNNER	-	-	1	(1)	-	-	-	-	-	-
CUSK	2,246	119	-	-	-	-	-	-	-	-
DOLPHIN	-	-	-	-	-	-	11	1	7	1
DRUM:										
BLACK	-	-	1	(1)	257	14	87	5	1,621	106
RED	-	-	-	-	33	2	136	19	2,232	354
EELS:										
COMMON	77	13	327	55	805	87	100	4	-	-
CONGER	15	1	7	(1)	1	(1)	-	-	-	-
FLOUNDERS	56,665	7,043	11,257	1,606	4,724	711	1,725	217	656	96
FRIGATE MACKEREL	1	(1)	-	-	-	-	-	-	-	-
GARFISH	-	-	-	-	-	-	-	-	411	19
GIZZARD SHAD	-	-	-	-	331	4	-	-	-	-
GROUPERS	-	-	-	-	-	-	203	24	6,180	712
GRUNTS	-	-	-	-	-	-	35	3	201	14
HADDOCK	112,622	10,938	7	1	(1)	(1)	-	-	-	-
HAKE:										
RED	3,916	49	945	28	20	(1)	-	-	-	-
WHITE	5,149	249	60	2	21	1	-	-	-	-
HALIBUT	299	75	-	-	-	-	-	-	-	-
HARVESTFISH	-	-	-	-	365	34	104	7	-	-
HERRING:										
ROUND	1	(1)	-	-	-	-	-	-	-	-
SEA	120,734	1,937	641	11	2	(1)	-	-	-	-
THREAD	-	-	-	-	2,100	22	4,371	51	-	-
HICKORY SHAD	-	-	1	(1)	30	1	104	6	-	-
HOGCHOKER	-	-	-	-	17	(1)	-	-	-	-
HOGFISH	-	-	-	-	-	-	5	1	14	2
JEWFISH	-	-	-	-	-	-	10	1	121	11
KING MACKEREL	-	-	-	-	5	(1)	2,228	259	1,239	110
KING WHITING OR "KINGFISH"	1	(1)	9	1	40	3	2,205	193	976	49
LAUNCE	480	21	-	-	-	-	-	-	-	-
MACKEREL	3,664	418	143	24	237	28	3	1	-	-
MENHADEN	52,851	700	653,024	7,568	414,505	4,406	330,516	3,638	751,836	9,901
MINNOWS	-	-	4	1	-	-	-	-	-	-
MOJARRA	-	-	-	-	-	-	110	8	254	18
MULLET	-	-	37	6	127	9	7,634	455	33,231	1,901
OCEAN PERCH, ATLANTIC	136,703	5,665	-	-	-	-	-	-	-	-
OCEAN POUT	170	3	-	-	-	-	-	-	-	-
PADDLEFISH	-	-	-	-	-	-	-	-	13	1
PERMIT	-	-	-	-	-	-	1	(1)	45	4
PIGFISH	-	-	-	-	1	(1)	91	5	15	1
PIKE OR PICKEREL	-	-	-	-	6	1	(1)	(1)	-	-
POLLOCK	24,535	982	8	1	2	(1)	-	-	-	-
POMPANO	-	-	-	-	3	1	148	74	442	248
RUDDERFISH	-	-	-	-	2	(1)	-	-	-	-
SALMON, ATLANTIC, TOTAL	(1)	(1)	-	-	-	-	-	-	-	-
SAND PERCH	-	-	-	-	(1)	(1)	34	1	-	-
SAWFISH	-	-	-	-	-	-	-	-	10	(1)
SCUP OR PORGY	9,136	416	26,143	1,630	11,804	831	34	3	56	4
SEA BASS, BLACK (ATLANTIC)	282	40	4,351	608	3,424	465	126	15	1	(1)
SEA CATFISH	-	-	-	-	-	-	31	2	582	50
SEA ROBIN	227	4	276	4	-	-	-	-	-	-

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

UNITED STATES - CATCH BY REGION, 1959 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	NEW ENGLAND		MIDDLE ATLANTIC		CHESAPEAKE		SOUTH ATLANTIC		GULF	
FISH - CONTINUED	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
SEA TROUT OR WEAKFISH:										
GRAY	2	(1)	599	80	791	88	2,954	171	-	-
SPOTTED	-	-	-	-	140	29	1,194	289	4,821	1,040
WHITE	-	-	-	-	-	-	-	-	238	16
SHAD	1,789	73	1,726	206	3,255	490	1,430	317	-	-
SHARKS:										
GRAYFISH	763	6	71	3	29	1	-	-	-	-
UNCLASSIFIED	34	1	9	(1)	1,501	70	24	2	6	(1)
TOTAL SHARKS	797	7	80	3	1,530	71	24	2	6	(1)
SHEEPSHEAD:										
FRESH-WATER	-	-	-	-	-	-	-	-	498	41
SALT-WATER	-	-	-	-	-	-	50	4	393	34
SILVERSIDES	-	-	96	7	-	-	-	-	-	-
SKATES	79	2	45	2	2	(1)	-	-	-	-
SMELT	92	33	-	-	-	-	-	-	-	-
SNAPPER:										
MANGROVE	-	-	-	-	-	-	45	8	288	45
MUTTONFISH	-	-	-	-	-	-	36	7	78	16
RED	-	-	-	-	-	-	662	184	10,219	2,639
VERMILION	-	-	-	-	-	-	1	(1)	2	1
WHITE	-	-	-	-	-	-	6	(1)	-	-
YELLOWTAIL	-	-	-	-	-	-	86	23	406	89
SPADEFISH	-	-	-	-	(1)	(1)	5	(1)	-	-
SPANISH MACKEREL	(1)	(1)	1	(1)	18	2	2,508	235	4,691	405
SPANISH SARDINE	-	-	-	-	-	-	-	-	(1)	(1)
SPOT	-	-	29	3	3,840	347	5,138	314	291	18
STRIPED BASS	120	28	746	174	6,446	1,074	872	158	-	-
STURGEON, COMMON	14	1	24	5	15	4	56	9	6	1
SUCKERS	(1)	(1)	1	(1)	12	1	(1)	(1)	-	-
SUNFISH	-	-	(1)	(1)	1	(1)	-	-	-	-
SWELLFISH	7	(1)	194	11	831	26	253	8	-	-
SWORDFISH	1,397	369	125	51	-	-	-	-	-	-
TAUTOG	98	4	50	1	11	(1)	-	-	-	-
TENPOUNDER	-	-	-	-	-	-	1	(1)	193	6
THIMBLE-EYED MACKEREL	289	7	463	20	-	-	-	-	-	-
TILEFISH	729	102	92	13	16	1	(1)	(1)	2	(1)
TOMCOD	-	-	1	(1)	-	-	-	-	-	-
TRIGGERFISH	-	-	-	-	-	-	3	(1)	10	1
TRIPLETAIL	-	-	-	-	-	-	1	(1)	7	(1)
TUNA:										
BLUEFIN	2,781	154	37	5	2	(1)	-	-	-	-
LITTLE	-	-	177	6	2	(1)	-	-	-	-
YELLOWFIN	-	-	-	-	-	-	-	-	246	31
TOTAL TUNA	2,781	154	214	11	4	(1)	-	-	246	31
WARSAW	-	-	-	-	-	-	14	1	129	9
WHITEBAIT	-	-	18	4	-	-	-	-	-	-
WHITE PERCH	6	1	136	17	1,930	171	442	44	-	-
WHITING	110,144	2,110	4,608	213	440	12	-	-	-	-
WOLFFISH	1,134	62	-	-	-	-	-	-	-	-
YELLOW PERCH	-	-	(1)	(1)	70	10	45	3	-	-
UNCLASSIFIED:										
FOR FOOD	7,648	546	321	32	79	7	-	-	125	2
BAIT, REDUCTION, AND ANIMAL FOOD	152,990	1,268	2,935	37	6,537	62	2,482	27	83,036	1,238
TOTAL FISH	869,056	36,795	720,334	13,458	502,259	11,198	399,032	8,794	914,958	20,447
SHELLFISH, ETC.										
CRABS:										
BLUE:										
HARD	2	(1)	2,635	238	42,335	3,221	38,806	2,044	28,753	1,439
SOFT AND PEELER	-	-	(1)	(1)	3,214	763	124	37	619	305
ROCK	1,884	110	5	(1)	-	-	-	-	-	-
STONE	-	-	-	-	-	-	70	23	256	100
TOTAL CRABS	1,886	110	2,640	238	45,549	3,984	39,000	2,104	29,628	1,844
CRAWFISH, FRESH-WATER	-	-	-	-	-	-	-	-	286	43
HORSESHOE CRAB	-	-	77	1	-	-	-	-	-	-
LOBSTERS:										
NORTHERN	27,393	13,874	1,665	584	27	10	-	-	-	-
SPINY	-	-	-	-	-	-	543	176	2,637	778
SHRIMP	17	5	4	4	-	-	26,006	6,527	193,503	50,348

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

UNITED STATES - CATCH BY REGION, 1959 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	NEW ENGLAND		MIDDLE ATLANTIC		CHESAPEAKE		SOUTH ATLANTIC		GULF	
SHELLFISH, ETC.-CONT'D.	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
CLAMS:										
HARD.	4,876	2,388	5,761	2,917	1,933	938	453	173	17	5
OCEAN QUAHOG.	95	10	-	-	-	-	-	-	-	-
RAZOR	37	10	15	3	-	-	-	-	-	-
SOFT.	2,265	1,076	356	126	4,510	1,434	-	-	-	-
SURF.	2	1	22,383	1,853	850	70	-	-	-	-
TOTAL CLAMS. . . .	7,275	3,485	28,515	4,899	7,293	2,442	453	173	17	5
CONCHS.	125	21	275	29	112	6	-	-	18	4
MUSSELS, SEA.	483	57	29	5	-	-	-	-	-	-
OCTOPUS	-	-	-	-	-	-	5	(1)	-	-
OYSTERS, MARKET:										
EASTERN:										
PUBLIC.	39	30	41	37	13,995	8,373	1,238	564	5,821	1,580
PRIVATE	348	424	1,351	1,219	19,327	12,234	2,278	475	7,900	2,227
TOTAL OYSTERS. . .	387	454	1,392	1,256	33,322	20,607	3,516	1,039	13,721	3,807
PERIWINKLES AND COCKLES	34	11	-	-	-	-	-	-	-	-
SCALLOPS:										
BAY	591	700	385	386	-	-	128	51	82	19
CALICO.	-	-	-	-	-	-	6	3	-	-
SEA	20,259	9,825	3,949	1,814	436	166	-	-	-	-
SQUID	2,536	137	1,092	80	196	9	11	1	19	2
SEA URCHINS	108	6	-	-	-	-	-	-	-	-
TERRAPIN, DIAMOND-BACK.	-	-	-	-	14	5	-	-	-	-
TURTLES:										
BABY.	-	-	-	-	-	-	-	-	6	47
GREEN	-	-	-	-	-	-	-	-	11	1
LOGGERHEAD.	-	-	1	(1)	2	(1)	4	1	(1)	(1)
SNAPPER	-	-	71	9	146	18	8	1	28	2
TOTAL TURTLES. . .	-	-	72	9	148	18	12	2	45	50
FROGS	-	-	-	-	-	-	-	-	9	3
IRISH MOSS.	2,080	42	-	-	-	-	-	-	-	-
SPONGES	-	-	-	-	-	-	-	-	28	290
BLOODWORMS.	432	375	-	-	-	-	-	-	-	-
SANDWORMS	544	339	-	-	-	-	-	-	-	-
TOTAL SHELLFISH, ETC.	64,150	29,441	40,095	9,305	87,097	27,247	69,680	10,076	239,993	57,193
GRAND TOTAL. . . .	933,206	66,236	760,429	22,763	589,356	38,445	468,712	18,870	1,154,951	77,640

SPECIES	PACIFIC		GREAT LAKES		MISSISSIPPI RIVER AND TRIBUTARIES		HAWAII		TOTAL	
FISH	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
ALEWIVES.	-	-	1,267	43	-	-	-	-	51,143	664
AMBERJACK	-	-	-	-	-	-	79	23	144	26
ANCHOVIES	7,174	100	-	-	-	-	-	-	7,214	103
ANGLERFISH.	-	-	-	-	-	-	-	-	43	1
BALLYHOO.	-	-	-	-	-	-	-	-	123	17
BARRACUDA	1,153	114	-	-	-	-	12	6	1,174	120
BLUEFISH.	-	-	-	-	-	-	-	-	3,824	491
BLUE PIKE	-	-	35	12	-	-	-	-	35	12
BLUE RUNNER	-	-	-	-	-	-	-	-	728	30
BONITO.	3,012	117	-	-	-	-	-	-	3,264	141
BOWFIN.	-	-	4	(1)	208	10	-	-	231	10
BUFFALOFISH	-	-	13	1	16,376	2,181	-	-	17,138	2,272
BURBOT.	-	-	616	20	28	1	-	-	644	21
BUTTERFISH.	-	-	-	-	-	-	-	-	10,823	922
CABEZONE.	10	(1)	-	-	-	-	-	-	10	(1)
CABIO	-	-	-	-	-	-	-	-	90	9
CABRILLA.	5	1	-	-	-	-	-	-	5	1
CARP.	749	28	7,274	270	21,720	826	-	-	31,283	1,177
CATFISH AND BULLHEADS .	-	-	1,932	416	13,063	2,583	-	-	33,876	5,497
CHUBS	-	-	11,212	2,283	-	-	-	-	11,212	2,283
CIGARFISH	-	-	-	-	-	-	-	-	296	23
CISCO	-	-	20	5	-	-	-	-	20	5
COD	13,328	664	-	-	-	-	-	-	59,809	3,976
CRAPPIE	-	-	1	(1)	43	8	-	-	45	8
CREVALLE.	-	-	-	-	-	-	64	30	1,367	63
CROAKER	-	-	-	-	-	-	-	-	11,842	1,639
CUNNER.	-	-	-	-	-	-	-	-	1	(1)
CUSK.	-	-	-	-	-	-	-	-	2,246	119

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

UNITED STATES - CATCH BY REGION, 1959 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	PACIFIC		GREAT LAKES		MISSISSIPPI RIVER AND TRIBUTARIES		HAWAII		TOTAL	
FISH - CONTINUED	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
DOLLY VARDEN TROUT. . .	6	2	-	-	-	-	-	-	6	2
DOLPHIN	-	-	-	-	-	-	118	53	136	55
DRUM:										
BLACK	-	-	-	-	-	-	-	-	1,966	126
RED	-	-	-	-	-	-	-	-	2,401	375
EELS:										
COMMON.	-	-	21	3	-	-	-	-	1,330	162
CONGER.	-	-	-	-	-	-	3	1	26	2
FLOUNDERS	46,539	2,958	-	-	-	-	-	-	121,566	12,631
FLYING FISH	30	7	-	-	-	-	-	-	30	7
FRIGATE MACKEREL. . . .	-	-	-	-	-	-	-	-	1	(1)
GARFISH	-	-	-	-	1,273	63	-	-	1,684	82
GIZZARD SHAD.	-	-	9	(1)	8	(1)	-	-	348	4
GOATFISH.	-	-	-	-	-	-	134	82	134	82
GOLDFISH.	-	-	103	2	-	-	-	-	103	2
GROUPERS.	286	56	-	-	-	-	-	-	6,669	792
GRUNTS.	-	-	-	-	-	-	-	-	236	17
HADDOCK	-	-	-	-	-	-	-	-	112,629	10,939
HAKE:										
PACIFIC	1,468	25	-	-	-	-	-	-	1,468	25
RED	-	-	-	-	-	-	-	-	4,881	77
WHITE	-	-	-	-	-	-	-	-	5,230	252
HALFMOON.	4	1	-	-	-	-	-	-	4	1
HALIBUT	53,713	7,765	-	-	-	-	-	-	54,012	7,840
HARDHEAD.	53	13	-	-	-	-	-	-	53	13
HARVESTFISH	-	-	-	-	-	-	-	-	469	41
HERRING:										
LAKE.	-	-	12,512	833	30	1	-	-	12,542	834
ROUND	-	-	-	-	-	-	-	-	1	(1)
SEA	114,712	1,441	-	-	-	-	-	-	236,089	3,389
THREAD.	-	-	-	-	-	-	-	-	6,471	73
HICKORY SHAD.	-	-	-	-	-	-	-	-	135	7
HOGCHOKER	-	-	-	-	-	-	-	-	17	(1)
HOGFISH	-	-	-	-	-	-	-	-	19	3
JACK MACKEREL	37,507	897	-	-	-	-	192	76	37,699	973
JEWFISH	-	-	-	-	-	-	-	-	131	12
KING CROAKER.	1,534	48	-	-	-	-	-	-	1,534	48
KING MACKEREL	-	-	-	-	-	-	-	-	3,472	369
KING WHITING OR "KINGFISH"	-	-	-	-	-	-	-	-	3,231	246
LAKE TROUT.	-	-	868	468	-	-	-	-	868	468
LAUNCE.	-	-	-	-	-	-	-	-	480	21
LINGCOD	7,249	382	-	-	-	-	-	-	7,249	382
MACKEREL.	37,602	958	-	-	-	-	-	-	41,649	1,429
MARLIN.	-	-	-	-	-	-	770	194	770	194
MENHADEN.	-	-	-	-	-	-	-	-	2,202,732	26,213
MINNOWS	-	-	-	-	-	-	-	-	4	1
MOJARRA	-	-	-	-	-	-	-	-	364	26
MOONEYE	-	-	1	(1)	115	20	-	-	116	20
MULLET.	-	-	-	-	-	-	68	53	41,097	2,424
OCEAN PERCH:										
ATLANTIC.	-	-	-	-	-	-	-	-	136,703	5,665
PACIFIC	7,730	377	-	-	-	-	-	-	7,730	377
OCEAN POUT.	-	-	-	-	-	-	-	-	170	3
OPALEYE	5	1	-	-	-	-	-	-	5	1
PADDLEFISH.	-	-	-	-	624	82	-	-	637	83
PERCH	344	50	-	-	-	-	-	-	344	50
PERMIT.	-	-	-	-	-	-	-	-	46	4
PIGFISH	-	-	-	-	-	-	-	-	107	6
PIKE OR PICKEREL. . . .	-	-	78	8	70	13	-	-	154	22
POLLOCK	-	-	-	-	-	-	-	-	24,545	983
POMPANO	36	10	-	-	-	-	-	-	629	333
QUILLBACK	-	-	-	-	410	31	-	-	410	31
RATFISH	2,597	23	-	-	-	-	-	-	2,597	23
ROCK BASS	(1)	(1)	13	2	-	-	-	-	13	2
ROCKFISHES.	27,905	1,265	-	-	-	-	-	-	27,905	1,265
RUDDERFISH.	-	-	-	-	-	-	9	3	11	3
SABLEFISH	8,795	767	-	-	-	-	-	-	8,795	767
SALMON:										
ATLANTIC.	-	-	-	-	-	-	-	-	(1)	(1)
CHINOOK OR KING . . .	27,414	8,933	-	-	-	-	-	-	27,414	8,933
CHUM OR KETA.	38,535	3,507	-	-	-	-	-	-	38,535	3,507
PINK.	61,740	7,027	-	-	-	-	-	-	61,740	7,027
RED OR SOCKEYE. . . .	53,790	11,531	-	-	-	-	-	-	53,790	11,531
SILVER OR COHO. . . .	20,205	4,743	-	-	-	-	-	-	20,205	4,743
TOTAL SALMON . . .	201,684	35,741	-	-	-	-	-	-	201,684	35,741

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

UNITED STATES - CATCH BY REGION, 1959 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	PACIFIC		GREAT LAKES		MISSISSIPPI RIVER AND TRIBUTARIES		HAWAII		TOTAL	
FISH - CONTINUED	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
SAND PERCH	-	-	-	-	-	-	-	-	34	1
SARDINE, PACIFIC	74,367	1,475	-	-	-	-	(1)	(1)	74,367	1,475
SAUGER	-	-	38	6	-	-	-	-	38	6
SAWFISH	-	-	-	-	-	-	-	-	10	(1)
SCULPIN	37	11	-	-	-	-	-	-	37	11
SCUP OR PORGY	-	-	-	-	-	-	-	-	47,173	2,884
SEA BASS:										
BLACK (ATLANTIC)	-	-	-	-	-	-	-	-	8,184	1,128
BLACK (PACIFIC)	250	35	-	-	-	-	32	15	282	50
WHITE	3,426	463	-	-	-	-	-	-	3,426	463
SEA CATFISH	-	-	-	-	-	-	-	-	613	52
SEA ROBIN	-	-	-	-	-	-	-	-	503	8
SEA TROUT OR WEAKFISH:										
GRAY	-	-	-	-	-	-	-	-	4,346	339
SPOTTED	-	-	-	-	-	-	-	-	6,155	1,358
WHITE	-	-	-	-	-	-	-	-	238	16
SHAD	386	36	-	-	-	-	-	-	8,586	1,122
SHARKS:										
GRAYFISH	3,156	29	-	-	-	-	-	-	4,003	38
SOUPFIN	2	(1)	-	-	-	-	-	-	2	(1)
UNCLASSIFIED	607	50	-	-	-	-	-	-	2,197	124
TOTAL SHARKS	3,765	79	-	-	-	-	-	-	6,202	162
SHEEPSHEAD:										
FRESH-WATER	-	-	4,657	138	8,489	537	-	-	13,644	716
SALT-WATER	10	1	-	-	-	-	-	-	453	39
SIERRA	2	(1)	-	-	-	-	-	-	2	(1)
SILVERSIDES	-	-	-	-	-	-	-	-	96	7
SKATES	948	9	-	-	-	-	-	-	1,074	13
SMELT	2,852	178	6,889	238	-	-	-	-	9,833	449
SNAPPER:										
MANGROVE	-	-	-	-	-	-	-	-	333	53
MUTTONFISH	-	-	-	-	-	-	-	-	114	23
RED	-	-	-	-	-	-	73	65	10,954	2,888
VERMILION	-	-	-	-	-	-	-	-	3	1
WHITE	-	-	-	-	-	-	-	-	6	(1)
YELLOWTAIL	-	-	-	-	-	-	-	-	492	112
UNCLASSIFIED	-	-	-	-	-	-	156	79	156	79
SPADEFISH	-	-	-	-	-	-	-	-	5	(1)
SPANISH MACKEREL	-	-	-	-	-	-	-	-	7,218	642
SPANISH SARDINE	-	-	-	-	-	-	-	-	(1)	(1)
SPLITTAIL	1	(1)	-	-	-	-	-	-	1	(1)
SPOT	-	-	-	-	-	-	4	1	9,302	683
STEELHEAD TROUT	832	173	-	-	-	-	-	-	832	173
STRIPED BASS	20	2	-	-	-	-	-	-	8,204	1,436
STURGEON:										
COMMON	538	54	3	2	-	-	-	-	656	76
SHOVELNOSE	-	-	-	-	61	9	-	-	61	9
SUCKERS	40	1	1,495	68	474	18	-	-	2,022	88
SUNFISH	-	-	16	2	-	-	-	-	17	2
SWELLFISH	-	-	-	-	-	-	-	-	1,285	45
SWORDFISH	448	170	-	-	-	-	28	5	1,998	595
TAUTOG	-	-	-	-	-	-	-	-	159	5
TENPOUNDER	-	-	-	-	-	-	3	1	197	7
THIMBLE-EYED MACKEREL	-	-	-	-	-	-	-	-	752	27
TILEFISH	-	-	-	-	-	-	-	-	839	116
TOMCOD	-	-	-	-	-	-	-	-	1	(1)
TRIGGERFISH	-	-	-	-	-	-	2	(1)	15	1
TRIPLETAIL	-	-	-	-	-	-	-	-	8	(1)
TULLIBEE	-	-	1,283	26	41	1	-	-	1,324	27
TUNA:										
ALBACORE	46,284	8,631	-	-	-	-	11	2	46,295	8,633
BLUEFIN	15,194	1,876	-	-	-	-	1,322	574	19,336	2,609
LITTLE	-	-	-	-	-	-	19	4	198	10
SKIPJACK	98,482	10,424	-	-	-	-	12,413	1,475	110,895	11,899
YELLOWFIN	108,370	14,069	-	-	-	-	569	178	109,185	14,278
TOTAL TUNA	268,330	35,000	-	-	-	-	14,334	2,233	285,909	37,429
TURBOT	129	6	-	-	-	-	-	-	129	6
WAHOO	14	5	-	-	-	-	36	7	50	12
WARSAW	-	-	-	-	-	-	-	-	143	10
WHITEBAIT	274	24	-	-	-	-	-	-	292	28
WHITE BASS	-	-	824	149	11	1	-	-	835	150
WHITEFISH:										
COMMON	-	-	629	375	407	117	-	-	1,036	492
MENOMINEE	-	-	81	9	-	-	-	-	81	9
WHITE PERCH	-	-	2	(1)	-	-	-	-	2,516	233
WHITING	-	-	-	-	-	-	-	-	115,192	2,335
WOLFFISH	-	-	-	-	-	-	-	-	1,134	62
YELLOW BASS	-	-	-	-	3	1	-	-	3	1
YELLOW PERCH	-	-	11,731	942	346	57	-	-	12,192	1,012
YELLOW PIKE	-	-	2,190	783	537	208	-	-	2,727	991
YELLOWTAIL	231	19	-	-	-	-	-	-	231	19

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

UNITED STATES - CATCH BY REGION, 1959 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	PACIFIC		GREAT LAKES		MISSISSIPPI RIVER AND TRIBUTARIES		HAWAII		TOTAL	
FISH - CONTINUED	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
UNCLASSIFIED:										
FOR FOOD.	7	1	-	-	-	-	414	228	8,594	816
BAIT, REDUCTION, AND ANIMAL FOOD.	-	-	-	-	-	-	-	-	247,980	2,632
TOTAL FISH	932,137	91,553	65,817	7,104	64,337	6,768	16,531	3,155	4,484,461	199,272
SHELLFISH, ETC.										
CRABS:										
BLUE:										
HARD.	-	-	-	-	-	-	-	-	112,531	6,942
SOFT AND PEELER . .	-	-	-	-	-	-	-	-	3,957	1,105
DUNGENESS	36,947	5,032	-	-	-	-	-	-	36,947	5,032
KING.	18,840	1,478	-	-	-	-	-	-	18,840	1,478
ROCK.	130	9	-	-	-	-	-	-	2,019	119
STONE	-	-	-	-	-	-	-	-	326	123
UNCLASSIFIED.	-	-	-	-	-	-	10	5	10	5
TOTAL CRABS. . . .	55,917	6,519	-	-	-	-	10	5	174,630	14,804
CRAWFISH, FRESH-WATER .	24	7	-	-	831	125	-	-	1,141	175
HORSESHOE CRAB.	-	-	-	-	-	-	-	-	77	1
LIMPET.	-	-	-	-	-	-	5	5	5	5
LOBSTERS:										
NORTHERN.	-	-	-	-	-	-	-	-	29,085	14,468
SPINY	506	306	-	-	-	-	12	8	3,698	1,268
SHRIMP.	20,652	1,249	-	-	-	-	-	-	240,182	58,133
ABALONE	913	497	-	-	-	-	-	-	913	497
CLAMS:										
HARD.	512	202	-	-	-	-	1	1	13,553	6,624
OCEAN QUAHOG.	-	-	-	-	-	-	-	-	95	10
RAZOR	913	292	-	-	-	-	-	-	965	305
SOFT.	-	-	-	-	-	-	-	-	7,131	3,636
SURF.	-	-	-	-	-	-	-	-	23,235	1,924
MIXED	16	5	-	-	-	-	-	-	16	5
TOTAL CLAMS. . . .	1,441	499	-	-	-	-	1	1	44,995	11,504
CONCHS.	-	-	-	-	-	-	-	-	530	60
MUSSELS, SEA.	-	-	-	-	-	-	-	-	512	62
MUSSEL SHELLS	-	-	-	-	11,986	368	-	-	11,986	368
PEARLS AND SLUGS. . . .	-	-	-	-	-	43	-	-	-	43
OCTOPUS	90	11	-	-	-	-	4	3	99	14
OYSTERS, MARKET:										
EASTERN:										
PUBLIC.	-	-	-	-	-	-	-	-	21,134	10,584
PRIVATE	1	3	-	-	-	-	-	-	31,205	16,582
PACIFIC	12,328	2,219	-	-	-	-	-	-	12,328	2,219
WESTERN..	43	98	-	-	-	-	-	-	43	98
TOTAL OYSTERS. . .	12,372	2,320	-	-	-	-	-	-	64,710	29,483
PERIWINKLES AND COCKLES	-	-	-	-	-	-	-	-	34	11
SCALLOPS:										
BAY	-	-	-	-	-	-	-	-	1,186	1,156
CALICO.	-	-	-	-	-	-	-	-	6	3
SEA	-	-	-	-	-	-	-	-	24,644	11,805
SQUID	19,695	345	-	-	-	-	5	2	23,554	576
SEA URCHINS	-	-	-	-	-	-	-	-	108	6
TERRAPIN, DIAMOND-BACK.	-	-	-	-	-	-	-	-	14	5
TREPANG (SEA CUCUMBER).	-	-	-	-	-	-	1	(1)	1	(1)
TURTLES:										
BABY.	-	-	-	-	33	247	-	-	39	294
GREEN	-	-	-	-	-	-	1	(1)	12	1
LOGGERHEAD.	-	-	-	-	-	-	-	-	7	1
SLIDER.	-	-	-	-	28	1	-	-	28	1
SNAPPER	-	-	-	-	320	33	-	-	573	63
SOFT-SHELL.	-	-	-	-	8	1	-	-	8	1
TOTAL TURTLES. . .	-	-	-	-	389	282	1	(1)	667	361
FROGS	-	-	-	-	119	42	-	-	128	45
IRISH MOSS.	-	-	-	-	-	-	-	-	2,080	42
KELP WITH HERRING EGGS.	108	5	-	-	-	-	-	-	108	5
SPONGES	-	-	-	-	-	-	-	-	28	290
BLOODWORMS.	-	-	-	-	-	-	-	-	432	375
SANDWORMS	-	-	-	-	-	-	-	-	544	339
TOTAL SHELLFISH, ETC.	111,718	11,758	-	-	13,325	860	39	24	626,097	145,904
WHALE PRODUCTS:										
MEAL.	3,763	263	-	-	-	-	-	-	3,763	263
MEAT.	3,722	347	-	-	-	-	-	-	3,722	347
OIL:										
SPERM	171	12	-	-	-	-	-	-	171	12
WHALE	3,739	253	-	-	-	-	-	-	3,739	253
TOTAL WHALE PRODUCTS.	11,395	875	-	-	-	-	-	-	11,395	875
GRAND TOTAL. . . .	1,055,250	104,186	65,817	7,104	77,662	7,628	16,570	3,179	5,121,953	346,051

1/ LESS THAN 500 POUNDS OR 500 DOLLARS.

GENERAL REVIEW

UNITED STATES - CATCH BY STATES, 1959

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

STATES	MARINE WATERS AND COASTAL RIVERS		LAKES 1/		MISSISSIPPI RIVER AND TRIBUTARIES		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
ALABAMA	14,022	2,968	-	-	10,996	771	25,018	3,739
ALASKA	323,523	28,787	-	-	-	-	323,523	28,787
ARKANSAS	-	-	-	-	5,747	894	5,747	894
CALIFORNIA	524,823	47,474	-	-	-	-	524,823	47,474
CONNECTICUT	10,810	1,096	-	-	-	-	10,810	1,096
DELAWARE	285,755	3,795	-	-	-	-	285,755	3,795
FLORIDA	207,359	22,444	5,591	783	-	-	212,950	23,227
GEORGIA	21,594	2,656	-	-	-	-	21,594	2,656
HAWAII	16,570	3,179	-	-	-	-	16,570	3,179
ILLINOIS	-	-	245	43	7,316	733	7,561	776
INDIANA	-	-	1	(2)	222	31	223	31
IOWA	-	-	-	-	4,013	484	4,013	484
KANSAS	-	-	-	-	63	16	63	16
KENTUCKY	-	-	-	-	3/3,030	3/313	3,030	313
LOUISIANA	545,758	24,046	-	-	10,818	1,752	556,576	25,798
MAINE	265,958	19,571	-	-	-	-	265,958	19,571
MARYLAND	63,050	12,695	-	-	-	-	63,050	12,695
MASSACHUSETTS	537,614	40,870	-	-	-	-	537,614	40,870
MICHIGAN	-	-	22,323	2,681	-	-	22,323	2,681
MINNESOTA	-	-	5,327	360	9,278	737	14,605	1,097
MISSISSIPPI	252,947	6,246	-	-	1,573	257	254,520	6,503
MISSOURI	-	-	-	-	354	35	354	35
MONTANA	-	-	-	-	74	5	74	5
NEBRASKA	-	-	-	-	372	39	372	39
NEW HAMPSHIRE	1,031	414	-	-	-	-	1,031	414
NEW JERSEY	359,504	10,093	-	-	-	-	359,504	10,093
NEW YORK	115,170	8,875	499	91	-	-	115,669	8,966
NORTH CAROLINA	342,612	8,242	-	-	-	-	342,612	8,242
NORTH DAKOTA	-	-	-	-	569	32	569	32
OHIO	-	-	19,518	1,733	(3)	(3)	19,518	1,733
OKLAHOMA	-	-	-	-	454	49	454	49
OREGON	51,718	6,396	-	-	-	-	51,718	6,396
PENNSYLVANIA	-	-	1,071	118	-	-	1,071	118
RHODE ISLAND	117,793	4,285	-	-	-	-	117,793	4,285
SOUTH CAROLINA	23,443	2,936	-	-	-	-	23,443	2,936
SOUTH DAKOTA	-	-	-	-	2,893	160	2,893	160
TENNESSEE	-	-	-	-	5,448	570	5,448	570
TEXAS	210,337	26,189	-	-	836	106	211,173	26,295
VIRGINIA	526,306	25,750	-	-	-	-	526,306	25,750
WASHINGTON	155,186	21,529	-	-	-	-	155,186	21,529
WISCONSIN	-	-	16,833	2,078	13,561	642	30,394	2,720
WYOMING	-	-	-	-	45	2	45	2
TOTAL	4,972,883	330,536	78,408	7,887	77,662	7,628	5,121,953	346,051

1/ INCLUDES THE CATCH OF THE GREAT LAKES, INTERNATIONAL LAKES OF MINNESOTA, AND THE INLAND LAKES OF FLORIDA.

2/ LESS THAN 500 DOLLARS.

3/ ANY CATCH FROM THE OHIO RIVER BY OHIO FISHERMEN IS INCLUDED WITH THE KENTUCKY DATA.

UNITED STATES - CATCH BY GEAR, 1959

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

GEAR	NEW ENGLAND		MIDDLE ATLANTIC		CHESAPEAKE		SOUTH ATLANTIC		GULF	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
HAUL SEINES	2,517	45	1,201	189	15,574	1,388	12,740	912	7,842	577
STOP NETS AND SEINES	104,485	1,666	20	1	21	1	-	-	-	-
PURSE SEINES	65,698	905	639,503	7,651	389,200	4,009	334,457	3,688	751,933	9,917
BAG NETS	73	8	-	-	-	-	125	25	-	-
BEAM TRAWLS	-	-	3	3	-	-	-	-	-	-
OTTER TRAWLS	648,889	31,692	51,575	4,466	28,100	2,225	43,597	7,411	278,992	51,776
WEIRS	13,026	222	107	8	-	-	-	-	-	-
POUND NETS	9,002	522	22,059	552	53,459	1,997	13,197	294	-	-
FLOATING TRAPS	8,948	474	-	-	-	-	-	-	-	-
FYKE AND HOOP NETS	51	2	223	20	3,442	207	397	30	1,603	230
POTS AND TRAPS	29,355	13,955	4,382	693	29,727	2,325	27,193	1,898	20,351	1,947
GILL NETS	7,000	397	2,087	258	10,658	1,379	13,270	1,255	35,917	2,702
TRAMMEL NETS	-	-	-	-	-	-	224	55	6,130	822
LINES	8,433	609	3,444	372	11,280	912	18,433	1,944	35,950	5,275
DIP NETS	1,976	258	13	6	103	28	321	25	2,218	242
PUSH NETS	-	-	1	1	-	-	-	-	-	-
CAST NETS	-	-	-	-	-	-	149	25	32	2

(CONTINUED ON NEXT PAGE)

UNITED STATES - CATCH BY GEAR, 1959 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

GEAR	NEW ENGLAND		MIDDLE ATLANTIC		CHESAPEAKE		SOUTH ATLANTIC		GULF	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
HARPOONS	1,498	377	125	51	-	-	-	-	-	-
SPEARS	2	(4)	86	14	-	-	144	26	108	22
SCRAPES	-	-	-	-	1,958	390	-	-	-	-
DREDGES	22,703	11,009	31,408	6,481	30,021	14,328	1,518	568	10,698	2,904
TONGS AND RAKES	5,936	2,147	3,578	1,776	15,238	8,965	612	229	3,100	920
HOES AND FORKS	3,554	1,917	29	12	-	-	-	-	1	(4)
GRABS	-	-	-	-	-	-	1,671	331	9	3
HOOKS	-	-	(4)	(4)	-	-	-	-	6	53
DIVING OUTFITS	26	20	-	-	-	-	-	-	21	237
BY HAND	34	11	585	209	575	291	664	154	40	11
TOTAL	933,206	66,236	760,429	22,763	589,356	38,445	468,712	18,870	1,154,951	77,640

GEAR	PACIFIC		GREAT LAKES		MISSISSIPPI RIVER AND TRIBUTARIES		HAWAII		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
HAUL SEINES	13,038	1,359	9,576	594	18,271	818	117	49	80,876	5,931
STOP NETS AND SEINES	-	-	-	-	-	-	-	-	104,526	1,668
PURSE SEINES	1/440,896	26,138	-	-	-	-	8	2	2,621,695	52,310
BAG NETS	-	-	-	-	-	-	74	49	272	82
BEAM TRAWLS	2/1,876	205	-	-	-	-	-	-	1,879	208
OTTER TRAWLS	2/129,150	6,758	1,721	310	66	2	-	-	1,182,090	104,640
WEIRS	276	14	-	-	762	18	-	-	14,171	262
POUND NETS	834	82	7,886	357	236	10	-	-	106,673	3,814
TRAP NETS	-	-	14,633	1,439	3,208	93	-	-	17,841	1,532
FLOATING TRAPS	2,124	234	-	-	-	-	-	-	11,072	708
FYKE AND HOOP NETS	-	-	1,090	90	18,940	2,287	-	-	25,746	2,866
POTS AND TRAPS	55,185	6,744	-	-	1,781	343	130	66	168,104	27,971
GILL NETS	3/79,915	14,162	30,739	4,276	9,923	1,397	56	33	189,565	25,859
TRAMMEL NETS	(3)	(3)	-	-	6,317	775	-	-	12,671	1,652
LINES	283,252	43,155	172	38	5,987	1,179	15,936	2,863	382,887	56,347
DIP NETS	1,271	84	-	-	45	222	-	-	5,947	865
BRAIL OR SCOOP NETS	19,164	500	-	-	-	-	-	-	19,164	500
LIFT NETS	-	-	-	-	-	-	129	43	129	43
REEF NETS	1,585	387	-	-	-	-	-	-	1,585	387
PUSH NETS	-	-	-	-	-	-	-	-	1	1
WHEELS	25	5	-	-	-	-	-	-	25	5
CAST NETS	-	-	-	-	-	-	1	1	182	28
HARPOONS	11,825	1,038	-	-	-	-	-	-	13,448	1,466
SPEARS	-	-	-	-	-	-	2	1	342	63
SCRAPES	-	-	-	-	-	-	-	-	1,958	390
DREDGES	5/12,322	2,282	-	-	-	-	-	-	108,670	37,572
TONGS AND RAKES	5/250	74	-	-	-	-	-	-	28,714	14,111
HOES AND FORKS	-	-	-	-	-	-	-	-	3,584	1,929
SHOVELS	1,350	468	-	-	-	-	-	-	1,350	468
CROWFOOT BARS	-	-	-	-	11,974	413	-	-	11,974	413
GRABS	-	-	-	-	103	36	-	-	1,783	370
HOOKS	-	-	-	-	-	-	-	-	6	53
DIVING OUTFITS	912	497	-	-	-	-	-	-	959	754
BY HAND	(5)	(5)	-	-	49	35	5	5	1,952	716
UNCLASSIFIED GEAR	-	-	-	-	-	-	6/112	67	112	67
TOTAL	1,055,250	104,186	65,817	7,104	77,662	7,628	16,570	3,179	5,121,953	346,051

1/ THE CATCH BY LAMPARA NETS IN CALIFORNIA HAS BEEN INCLUDED WITH PURSE SEINES.

2/ THE CATCH BY BEAM TRAWLS IN ALASKA HAS BEEN INCLUDED WITH OTTER TRAWLS.

3/ THE CATCH BY TRAMMEL NETS IN CALIFORNIA HAS BEEN INCLUDED WITH GILL NETS.

4/ LESS THAN 500 POUNDS OR 500 DOLLARS.

5/ THE CATCH BY HAND IN ALASKA, WASHINGTON, AND OREGON HAS BEEN INCLUDED WITH DREDGES. IN CALIFORNIA IT HAS BEEN INCLUDED WITH TONGS.

6/ INCLUDES THE CATCH BY MISCELLANEOUS SEINES, NETS, AND OTHER UNCLASSIFIED GEAR.

RELATIVE VOLUME OF THE CATCH, BY SPECIES, 1959

SPECIES	QUANTITY	PERCENT OF TOTAL	RECORD	QUANTITY
	THOUSAND POUNDS	PERCENT	YEAR	THOUSAND POUNDS
MENHADEN	2,202,732	43.0	1959	2,202,732
TUNA	285,909	5.6	1950	391,454
INDUSTRIAL FISH 1/	247,980	4.9	1959	247,980
SHRIMP	240,182	4.7	1954	268,334
HERRING, SEA:				
ATLANTIC	121,377	2.4	1902	200,598
PACIFIC	114,712	2.2	1937	263,200
TOTAL	236,089	4.6	-	-
SALMON	201,684	3.9	1936	790,884
CRABS	174,630	3.4	1959	174,630
OCEAN PERCH, ATLANTIC	136,703	2.7	1951	258,320
FLOUNDERS	121,566	2.4	1948	138,924
WHITING	115,192	2.2	1957	133,041
HADDOCK	112,629	2.2	1929	293,809
SARDINE, PACIFIC	74,367	1.5	1936	1,502,299
OYSTERS	64,710	1.3	2/1908	152,046
COD:				
ATLANTIC	46,481	.9	1880	294,351
PACIFIC	13,328	.3	1915	32,681
TOTAL	59,809	1.2	-	-
HALIBUT, PACIFIC	53,713	1.0	1915	66,707
ALEWIVES	51,143	1.0	1908	89,978
SCUP OR PORGY	47,173	.9	1959	47,173
CLAMS	44,995	.9	1959	44,995
MULLET	41,097	.8	1902	43,385
JACK MACKEREL	37,699	.7	1952	146,522
MACKEREL, PACIFIC	37,602	.7	1935	146,427
CATFISH AND BULLHEADS	33,876	.7	1956	34,824
CARP	31,283	.6	1908	42,759
LOBSTERS, NORTHERN	29,085	.6	1889	30,772
ROCKFISHES	27,905	.5	1945	57,686
SCALLOPS, SEA	24,644	.5	1959	24,644
POLLOCK	24,545	.5	1938	40,694
SQUID	23,554	.5	1946	40,260
BUFFALOFISH	17,138	.3	1950	25,873
SHEEPSHEAD, FRESH-WATER	13,644	.3	1959	13,644
HERRING, LAKE	12,542	.2	1899	59,914
YELLOW PERCH	12,192	.2	1934	16,282
MUSSEL SHELLS	11,986	.2	1908	81,869
CROAKER	11,842	.2	1945	64,668
CHUBS	11,212	.2	1958	12,108
SNAPPER, RED	10,954	.2	1902	23,457
BUTTERFISH	10,823	.2	1939	17,151
SMELT	9,833	.2	1958	13,303
SPOT	9,302	.2	1952	15,863
SABLEFISH	8,795	.2	1945	17,750
SHAD	8,586	.2	1890	43,000
STRIPED BASS	8,204	.2	1959	8,204
SEA BASS, BLACK (ATLANTIC)	8,184	.2	1952	21,997
OCEAN PERCH, PACIFIC	7,730	.2	1954	11,171
LINGCOD	7,249	.1	1944	14,262
SPANISH MACKEREL	7,218	.1	1945	11,593
ANCHOVIES	7,214	.1	1953	86,044
GROUPERS	6,669	.1	1945	8,882
HERRING, THREAD	6,471	.1	1957	15,554
SHARKS	6,202	.1	1944	61,184
SEA TROUT OR WEAKFISH, SPOTTED	6,155	.1	1936	8,800
HAKE, WHITE	5,230	.1	1898	39,900
HAKE, RED	4,881	.1	-	-
SEA TROUT OR WEAKFISH, GRAY	4,346	.1	1945	41,420
BLUEFISH	3,824	.1	3/1897	22,673
OTHER	101,031	2.0	-	-
TOTAL	5,121,953	100.0	-	-

1/ UNCLASSIFIED SPECIES FOR BAIT, REDUCTION, AND ANIMAL FOOD.

2/ FIRST YEAR IN WHICH AN OYSTER SURVEY WAS MADE IN ALL REGIONS.

3/ INCLUDES DATA ON NEW ENGLAND CATCH IN 1898.

RELATIVE VALUE OF THE CATCH, BY SPECIES, 1959

SPECIES	VALUE	PERCENT OF TOTAL	RECORD	VALUE
	THOUSAND DOLLARS	PERCENT	YEAR	THOUSAND DOLLARS
SHRIMP	58,133	16.8	1953	76,641
TUNA	37,429	10.8	1950	61,342
SALMON	35,741	10.3	1951	52,509
OYSTERS	29,483	8.5	1954	32,796
MENHADEN	26,213	7.6	1956	28,425
CRABS	14,804	4.3	1959	14,804
LOBSTERS, NORTHERN	14,468	4.2	1959	14,468
FLOUNDERS	12,631	3.7	1951	13,253
SCALLOPS, SEA	11,805	3.4	1959	11,805
CLAMS	11,504	3.3	1952	11,700
HADDOCK	10,939	3.2	1946	13,043
HALIBUT, PACIFIC	7,765	2.2	1956	9,013
OCEAN PERCH, ATLANTIC	5,665	1.6	1951	12,597
CATFISH AND BULLHEADS	5,497	1.6	1952	6,411
COD:				
ATLANTIC	3,312	1.0	1948	4,742
PACIFIC	664	.2	1959	664
TOTAL	3,976	1.2	-	-
HERRING, SEA:				
ATLANTIC	1,948	.6	1948	3,798
PACIFIC	1,441	.4	1947	2,152
TOTAL	3,389	1.0	-	-
SNAPPER, RED	2,888	.8	1959	2,888
SCUP OR PORGY	2,884	.8	1951	2,994
INDUSTRIAL FISH 1/	2,632	.8	1959	2,632
MULLET	2,424	.7	1945	4,647
WHITING	2,335	.7	1951	2,903
CHUBS	2,283	.7	1958	2,564
BUFFALOFISH	2,272	.7	1952	3,564
CROAKER	1,639	.5	1945	6,950
SARDINE, PACIFIC	1,475	.4	1950	12,140
STRIPED BASS	1,436	.4	1959	1,436
SEA TROUT OR WEAKFISH, SPOTTED	1,358	.4	1952	1,781
LOBSTERS, SPINY	1,268	.4	1957	1,500
ROCKFISHES	1,265	.4	1945	2,648
CARP	1,177	.3	1951	2,007
SCALLOPS, BAY	1,156	.3	1957	1,455
SEA BASS, BLACK (ATLANTIC)	1,128	.3	1952	2,206
SHAD	1,122	.3	1945	2,680
YELLOW PERCH	1,012	.3	1958	1,540
YELLOW PIKE	991	.3	1951	2,152
POLLOCK	983	.3	1945	1,819
JACK MACKEREL	973	.3	1952	4,755
MACKEREL, PACIFIC	958	.3	1957	1,231
BUTTERFISH	922	.3	1958	971
HERRING, LAKE	834	.2	1952	1,458
GROUPERS	792	.2	1945	1,038
SABLEFISH	767	.2	1946	1,834
SHEEPSHEAD, FRESH-WATER	716	.2	1951	929
SPOT	683	.2	1949	975
ALEWIVES	664	.2	1958	881
SPANISH MACKEREL	642	.2	1945	1,521
SWORDFISH	595	.2	1946	1,435
SQUID	576	.2	1946	1,370
ABALONE	497	.1	1957	587
WHITEFISH, COMMON	492	.1	1948	3,784
BLUEFISH	491	.1	1951	760
LAKE TROUT	468	.1	1945	4,056
SEA BASS, WHITE	463	.1	1959	463
SMELT	449	.1	1945	825
LINGCOD	382	.1	1944	1,670
OTHER	10,517	3.1	-	-
TOTAL	346,051	100.0	-	-

1/ UNCLASSIFIED SPECIES FOR BAIT, REDUCTION, AND ANIMAL FOOD.

UNITED STATES CATCH, 1959 - LIVE WEIGHT BASIS

In its annual summary bulletins, it is the practice of the Bureau to show the catch of univalve and bivalve mollusks on the basis of the weight of meats. Insofar as possible, all other fish and shellfish items are shown on a live weight basis.

Since world fishery statistics published by the Food and Agriculture Organization of the United Nations represent the live weight of the catch for all items of fish and shellfish, it has been necessary to provide that organization with information on the domestic catch of all species on a live weight basis. Data released by the Food and Agriculture Organization, therefore, indicate that the 1959 United States catch was 1.3 billion pounds greater than the figure appearing in Fish and Wildlife Service publications. The increase is due to the inclusion of the weight of the shells of univalve and bivalve mollusks in the Food and Agriculture Organization data.

It has been deemed desirable to include in this report a table showing the entire domestic catch on a live weight basis and to publish information on the catch of fishery products in the principal countries of the world so that the relative importance of the domestic fisheries can be determined. Tables containing these data follow.

UNITED STATES CATCH, 1959 - LIVE WEIGHT BASIS

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

ITEM	QUANTITY	VALUE
FISH	4,484,461	199,272
SHELLFISH, ETC.:		
UNIVALVE AND BIVALVE MOLLUSKS:		
ABALONE	4,565	497
CLAMS:		
HARD	101,987	6,624
OCEAN QUAHOGS	763	10
RAZOR	2,313	305
SOFT	35,666	2,636
SURF	114,785	1,924
MIXED	75	5
TOTAL CLAMS	255,589	11,504
LIMPETS	13	5
CONCHS	1,877	60
MUSSELS:		
SEA	3,496	62
FRESH-WATER	13,185	411
OYSTERS, MARKET	922,938	29,483
PERIWINKLES	143	11
SCALLOPS:		
BAY	9,372	1,156
SEA	200,929	11,808
TOTAL UNIVALVE AND BIVALVE MOLLUSKS	1,412,107	54,997
CRUSTACEANS	448,813	88,849
OTHER	27,763	2,058
TOTAL SHELLFISH, ETC.	1,888,683	145,904
WHALE PRODUCTS	11,395	875
GRAND TOTAL	6,384,539	346,051

GENERAL REVIEW

WORLD CATCH OF FISH, CRUSTACEANS, MOLLUSKS, ETC., BY COUNTRIES, 1959

The world's commercial catch of fish and shellfish, etc., in 1959 totaled a record 77.9 billion pounds, according to the "Yearbook of Fishery Statistics, 1959" released by the Food and Agriculture Organization of the United Nations. Japan continued in first place, followed by China (Mainland), the United States, and the U.S.S.R.

Asia, excluding the U.S.S.R., accounted for 44 percent; Europe, excluding the U.S.S.R., 22 percent; North America, 12 percent; South America and the U.S.S.R. each 8 percent; and Africa, 6 percent. South America showed the greatest percentage gain over the previous year with an increase of nearly 2.5 billion pounds, up 70 percent. Expansion of the Peruvian anchovy fishery accounted for nearly the entire South American gain. The catch of these fish, used in Peru's rapidly growing fish meal industry, increased from about 100 million pounds in 1954 to over 4 billion pounds in 1959. Should the fish meal industry in Peru continue its rapid growth, that country could, in a few years, move into third place among the fish producing nations of the world.

Eight countries accounted for over 60 percent of the world's total catch in 1959. Japan and China were far in the lead with nearly 13 billion pounds and 11.1 billion pounds respectively. The United States (6.4 billion pounds) occupied third place followed by the U.S.S.R. (6.1 billion pounds). Peru, with a catch of 4.4 billion pounds, moved from tenth place in 1958 to fifth in 1959. Norway (3.5 billion pounds) was in sixth place followed by Canada and the United Kingdom with 2.3 and 2.2 billion pounds respectively.

Over a fourth of the world catch in 1959 consisted of herring, menhaden, anchovies, and sardines. Members of the cod family -- cod, hakes, haddocks, etc. -- followed in importance. The third most important group was fresh-water fishes. China accounted for nearly half the catch of the latter group.

Nearly 43 percent of the world catch was marketed fresh and 20 percent was cured. Reduction into meal and oil accounted for 17 percent; canning, 9 percent; freezing, 8 percent; and the remaining 3 percent was used for miscellaneous purposes. Use of the world catch has changed considerably in recent years with the proportion frozen, reduced to meal and oil, and canned showing large increases.

WORLD CATCH OF FISH, CRUSTACEANS, MOLLUSKS, ETC., BY COUNTRIES, 1959

(LIVE WEIGHT BASIS)

COUNTRY	MILLION POUNDS	PERCENT	COUNTRY	MILLION POUNDS	PERCENT
			FRANCE	1,127	1.4
JAPAN	12,952	16.6	UNION OF SOUTH AFRICA	1,027	1.3
CHINA (MAINLAND)	11,067	14.2	PORTUGAL	942	1.2
UNITED STATES	1/ 6,385	8.2	KOREA, SOUTH	842	1.1
U. S. S. R.	6,076	7.8	NETHERLANDS	705	1.0
PERU	4,409	5.7	PAKISTAN	640	.8
NORWAY	3,543	4.5	SOUTH WEST AFRICA	625	.8
CANADA	2,316	3.0	CHILE	601	.8
UNITED KINGDOM	2,180	2.8	ANGOLA	590	.8
INDIA	1,814	2.3	SWEDEN	2/ 551	.7
GERMANY, FEDERAL REPUBLIC	1,691	2.2	CHINA (TAIWAN)	543	.7
SPAIN	2/ 1,676	2.1	ITALY	470	.6
INDONESIA	1,543	2.0	THAILAND	451	.6
DENMARK	1,485	1.9	MEXICO	420	.5
ICELAND	1,411	1.8	POLAND	352	.4
PHILIPPINES	1,141	1.5	OTHER	8,328	10.7
			TOTAL	1/77,903	100.0

1/ REVISED

2/ LANDED WEIGHT.

SOURCE:--YEARBOOK OF FISHERY STATISTICS, 1959, VOLUME XI, FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS.

UNITED STATES CATCH OFF FOREIGN COASTS

United States fishermen, in 1959, took 438 million pounds of fish and shellfish, valued at 48.4 million dollars, on the high seas off the coasts of foreign countries. This was almost 9 percent of the total catch taken during the year and, as considerable quantities of relatively high priced tuna and shrimp were included, 14 percent of the total ex-vessel value received by domestic fishermen.

California fishermen took 40 percent of their catch on the high seas off Central and South America, nearly all tuna. These fish accounted for 56 percent of the value of the total catch taken by California fishermen. Fifteen percent of the New England catch was taken off Canada, 4 percent of the Gulf catch off Mexico, and 9 percent of the Washington, Oregon and Alaskan catch off British Columbia and Central America.

Tuna was the principal item taken off foreign coasts, followed by ocean perch, shrimp, and haddock. These items accounted for 85 percent of the catch off foreign coasts.

CATCH FROM WATERS OFF THE UNITED STATES AND ON THE HIGH SEAS OFF FOREIGN COASTS, 1959

(THOUSANDS OF POUNDS)

AREA AND SPECIES	WATERS OFF U. S. COASTS	HIGH SEAS OFF FOREIGN COASTS	TOTAL
	QUANTITY	QUANTITY	QUANTITY
ATLANTIC AND GULF STATES:			
NEW ENGLAND:			
COD	36,096	4,662	40,758
CUSK	2,014	232	2,246
FLOUNDERS	55,502	1,163	56,665
HADDOCK	89,324	23,298	112,622
HAKE, WHITE	4,641	508	5,149
HALIBUT	143	156	299
OCEAN PERCH	34,415	102,288	136,703
POLLOCK	18,218	6,317	24,535
WHITING	110,119	25	110,144
WOLFFISH	554	580	1,134
OTHER	442,768	183	442,951
TOTAL	793,794	139,412	933,206
MIDDLE ATLANTIC, CHESAPEAKE, AND SOUTH ATLANTIC STATES, TOTAL	1,818,497	-	1,818,497
GULF:			
SHRIMP	155,837	37,666	193,503
SNAPPER, RED	6,655	3,564	10,219
OTHER	951,029	200	951,229
TOTAL	1,113,521	41,430	1,154,951
TOTAL ATLANTIC AND GULF STATES	3,725,812	180,842	3,906,654
PACIFIC COAST STATES:			
ALASKA, WASHINGTON, AND OREGON:			
BOTTOMFISH (WASHINGTON AND OREGON) 1/	34,063	40,064	74,127
HALIBUT	48,901	4,804	53,705
SALMON	191,099	3,816	194,915
TUNA	13,522	22	13,544
CRABS	38,525	-	38,525
OTHER	155,453	158	155,611
TOTAL	481,563	48,864	530,427
CALIFORNIA:			
BONITO	3,003	9	3,012
GROUPERS	-	286	286
MACKEREL:			
JACK	37,507	-	37,507
PACIFIC	37,602	-	37,602
SARDINE, PACIFIC	74,367	-	74,367
SEA BASS, BLACK	10	240	250
TUNA	47,228	207,558	254,786
YELLOWTAIL	207	24	231
OTHER	116,607	175	116,782
TOTAL	316,531	208,292	524,823
TOTAL PACIFIC COAST STATES	798,094	257,156	1,055,250
HAWAII, TOTAL	16,570	-	16,570
GREAT LAKES AND MISSISSIPPI RIVER STATES, TOTAL	143,479	-	143,479
GRAND TOTAL	4,683,955	437,998	5,121,953

1/ PRINCIPALLY COD, FLOUNDERS, (INCLUDING SOLE), OCEAN PERCH, ROCKFISHES, LINGCOD, AND SABLEFISH.

SEED OYSTER FISHERY, 1959

ITEM	NEW ENGLAND 1/	MIDDLE ATLANTIC 2/	CHESAPEAKE 3/
OPERATING UNITS	NUMBER	NUMBER	NUMBER
FISHERMEN:			
ON VESSELS	30	-	300
ON BOATS AND SHORE:			
REGULAR	-	15	887
CASUAL	-	-	142
TOTAL	30	15	1,329
VESSELS, MOTOR	8	-	129
NET TONNAGE	221	-	850
BOATS:			
MOTOR	-	15	735
OTHER	-	-	31
GEAR:			
DREDGES, COMMON	16	-	2
YARDS AT MOUTH	21	-	3
TONGS	-	15	1,323

CATCH	NEW ENGLAND 1/ U.S. BUSHELS	NEW ENGLAND 1/ VALUE	MIDDLE ATLANTIC 2/ U.S. BUSHELS	MIDDLE ATLANTIC 2/ VALUE	CHESAPEAKE 3/ U.S. BUSHELS	CHESAPEAKE 3/ VALUE
OYSTERS, SEED:						
PUBLIC:						
SPRING	12,202	$78,158	2,200	$9,900	1,609,171	$1,558,760
FALL	4,475	12,408	-	-	1,686,633	845,040
PRIVATE:						
SPRING	16,447	89,031	-	-	120,358	102,768
FALL	7,924	21,715	-	-	49,980	35,188
TOTAL	41,048	201,312	2,200	9,900	3,466,142	2,541,756

ITEM	SOUTH ATLANTIC 4/	TOTAL
OPERATING UNITS	NUMBER	NUMBER
FISHERMEN:		
ON VESSELS	-	330
ON BOATS AND SHORE:		
REGULAR	2	904
CASUAL	4	146
TOTAL	6	1,380
VESSELS, MOTOR	-	137
NET TONNAGE	-	1,071
BOATS:		
MOTOR	-	750
OTHER	-	31
GEAR:		
DREDGES, COMMON	-	18
YARDS AT MOUTH	-	24
TONGS	-	1,338

CATCH	SOUTH ATLANTIC 4/ U.S. BUSHELS	SOUTH ATLANTIC 4/ VALUE	TOTAL U.S. BUSHELS	TOTAL VALUE
OYSTERS, SEED:				
PUBLIC:				
SPRING	-	-	1,623,573	$1,646,818
FALL	-	-	1,691,108	857,448
PRIVATE:				
SPRING	-	-	136,805	191,799
FALL	10,205	$16,532	68,109	73,435
TOTAL	10,205	16,532	3,519,595	2,769,500

1/ CONFINED TO CONNECTICUT.

2/ CONFINED TO NEW YORK.

3/ MARYLAND ACCOUNTED FOR 65,540 BUSHELS FROM PRIVATE GROUNDS VALUED AT $62,866 AND VIRGINIA 3,400,602 BUSHELS FROM PUBLIC AND PRIVATE GROUNDS VALUED AT $2,478,890.

4/ CONFINED TO SOUTH CAROLINA.

NOTE:--THE CAPACITY OF A U.S. STANDARD BUSHEL IS 2,150.4 CUBIC INCHES. OF THE TOTAL NUMBER OF PERSONS FISHING FOR SEED OYSTERS, 1,105 WERE DUPLICATED AMONG THOSE FISHING FOR MARKET OYSTERS OR OTHER SPECIES. SIMILARLY, THE FOLLOWING CRAFT AND GEAR WERE DUPLICATED: 104 VESSELS (718 NET TONS), 606 MOTOR BOATS, 22 OTHER BOATS, 8 DREDGES (10 YARDS AT MOUTH) AND 1,085 TONGS.

TRANSPORTING, WHOLESALING, AND MANUFACTURING, 1959

ITEM	NEW ENGLAND	MIDDLE ATLANTIC
	NUMBER	NUMBER
TRANSPORTING:		
PERSONS ENGAGED,		
ON VESSELS	170	-
VESSELS, MOTOR	86	-
NET TONNAGE	1,586	-
WHOLESALING AND MANUFACTURING:		
ESTABLISHMENTS	553	508
PERSONS ENGAGED:		
AVERAGE FOR SEASON	13,353	8,719
AVERAGE FOR YEAR	8,557	6,419
FISHERMEN MANUFACTURING	424	-

ITEM	CHESAPEAKE	SOUTH ATLANTIC
	NUMBER	NUMBER
TRANSPORTING:		
PERSONS ENGAGED:		
ON VESSELS	859	49
ON BOATS	16	40
VESSELS, MOTOR	458	29
NET TONNAGE	4,627	300
BOATS, MOTOR	8	40
WHOLESALING AND MANUFACTURING:		
ESTABLISHMENTS	652	484
PERSONS ENGAGED:		
AVERAGE FOR SEASON	13,715	8,750
AVERAGE FOR YEAR	7,214	4,976

ITEM	GULF	PACIFIC
	NUMBER	NUMBER
TRANSPORTING:		
PERSONS ENGAGED:		
ON VESSELS	-	818
ON BOATS	182	92
VESSELS, MOTOR	-	302
NET TONNAGE	-	16,920
BOATS, MOTOR	182	52
WHOLESALING AND MANUFACTURING:		
ESTABLISHMENTS	737	545
PERSONS ENGAGED:		
AVERAGE FOR SEASON	15,819	24,225
AVERAGE FOR YEAR	10,373	12,650
FISHERMEN MANUFACTURING	166	-

ITEM	GREAT LAKES	MISSISSIPPI RIVER AND TRIBUTARIES
	NUMBER	NUMBER
TRANSPORTING:		
PERSONS ENGAGED, ON VESSELS	25	-
VESSELS, MOTOR	8	-
NET TONNAGE	139	-
WHOLESALING AND MANUFACTURING:		
ESTABLISHMENTS	401	471
PERSONS ENGAGED:		
AVERAGE FOR SEASON	4,604	3,079
AVERAGE FOR YEAR	2,619	1,757

ITEM	HAWAII	TOTAL
	NUMBER	NUMBER
TRANSPORTING:		
PERSONS ENGAGED:		
ON VESSELS	(1)	1,921
ON BOATS	(1)	330
VESSELS, MOTOR	(1)	883
NET TONNAGE	(1)	23,572
BOATS, MOTOR	(1)	282
WHOLESALING AND MANUFACTURING:		
ESTABLISHMENTS	21	4,372
PERSONS ENGAGED:		
AVERAGE FOR SEASON	386	92,650
AVERAGE FOR YEAR	332	54,897
FISHERMEN MANUFACTURING	-	590

1/ DATA NOT AVAILABLE.

NOTE:--ONLY CRAFT TRANSPORTING FISH OR SHELLFISH ARE INCLUDED AS TRANSPORTERS. BOATS AND VESSELS ENGAGED IN TRANSPORTING AND FISHING ARE INCLUDED ONLY AS FISHING CRAFT. OF THE TOTAL NUMBER OF PERSONS OPERATING ON TRANSPORTERS, 560 PERSONS ENGAGED IN FISHING AND HAVE ALSO BEEN INCLUDED AS FISHERMEN.

MANUFACTURED FISHERY PRODUCTS

The 1959 production of manufactured fishery products (packaged, canned, cured, and byproducts) in the United States, American Samoa, and Puerto Rico was valued at nearly 752 million dollars to the packers. This was 43 million dollars less than in the previous year. Canned products made up 46 percent of the total value; fresh and frozen packaged items, 37 percent; byproducts (principally meal, oil, and solubles), 11 percent; and cured products, 6 percent.

The canned fish and shellfish pack in 1959 totaled nearly 975 million pounds valued at 348 million dollars. The pack for human consumption amounted to 628 million pounds valued at 310 million dollars; that canned for animal food and bait totaled 347 million pounds valued at 38 million dollars. The 1959 pack of tuna was greater than any other canned for human consumption and amounted to 14.3 million standard cases (282.2 million pounds), exceeding the record pack of 1958 by nearly 238 thousand cases. However, the value of the tuna pack in 1959, amounting to 159 million dollars, was approximately two and one-half million dollars less than in the previous year. The pack of canned salmon amounted to 2.5 million standard cases (118.3 million pounds) with a value of nearly 72 million dollars -- 34 percent less in volume and 23 percent less in value than in 1958. The 1959 pack of Pacific sardines was approximately one-third of the volume and value of the pack of the previous year.

The production of fresh and frozen packaged fishery products in 1959 totaled nearly 528 million pounds valued at about 281 million dollars. Compared with the previous year, the 1959 volume was 3 percent greater but the value was 1 percent less.

The 1959 production of fishery byproducts was valued at over 82 million dollars -- 3 percent greater than in the previous year. Fish meal and scrap, totaling 613 million pounds with a value of 36 million dollars, was up 24 percent in volume but was only 13 percent greater in value than in 1958. Over 187 million pounds of marine-animal oils, valued at 13 million dollars, were produced in 1959. Compared with the previous year, this was an increase of 13 percent in quantity and 6 percent in value. The production of fish solubles and homogenized-condensed fish amounted to about 331 million pounds with a value of 10 million dollars -- up 70 million pounds in volume but down one million dollars in value compared with 1958.

MANUFACTURED FISHERY PRODUCTS, 1959

ITEM	UNIT	QUANTITY	VALUE
ALEWIVES:			
CANNED:			
FISH	STANDARD CASES	72,893	$340,459
ROE	DO	38,176	475,593
SALTED:			
CORNED	POUNDS	3,535,000	165,000
BRINED (INCLUDING FILLETS)	DO	2,761,945	151,303
PICKLED (INCLUDING FILLETS)	DO	1,609,000	190,576
SMOKED	DO	41,037	2,805
OIL	GALLONS	40,945	21,856
ANCHOVIES:			
CANNED	STANDARD CASES	4,275	29,444
SALTED AND PICKLED	POUNDS	7,313	4,570
BLUE PIKE FILLETS:			
FRESH	DO	15,940	12,974
FROZEN	DO	15,050	11,548
BUTTERFISH, SMOKED	DO	398,600	229,014
CARP, SMOKED	DO	609,000	306,090
CATFISH AND BULLHEADS, SMOKED	DO	2,500	1,785
CHUBS, SMOKED	DO	6,455,200	3,402,492
CISCO, SMOKED	DO	166,208	93,448
COD:			
FILLETS:			
FRESH	DO	8,023,553	2,452,674
FROZEN	DO	4,527,695	1,089,807
STEAKS, FROZEN	DO	33,310	10,150
CAKES, BREADED AND FROZEN	DO	2,752,792	1,170,921
WHOLE, FILLETS AND SHREDDED, SALTED	DO	1,542,517	736,435
WHOLE AND FILLETS, SMOKED	DO	510,150	203,694
LUTEFISK (FROM DRIED COD)	DO	1,312,505	291,396
CUSK FILLETS:			
FRESH	DO	316,540	99,880
FROZEN	DO	45,581	11,793
EELS, COMMON, SMOKED	DO	358,900	234,199
FLOUNDER FILLETS:			
FRESH	DO	16,005,138	6,939,813
FROZEN	DO	8,381,295	2,799,800
GROUPER:			
FILLETS:			
FRESH	DO	158,517	72,245
FROZEN	DO	81,559	35,957
STEAKS:			
FRESH	DO	88,438	31,345
FROZEN	DO	1,200	600
HADDOCK:			
FILLETS:			
FRESH	DO	16,733,883	5,911,288
FROZEN	DO	13,879,461	4,231,385
SMOKED (INCLUDING FINNAN HADDIE)	DO	172,100	73,778
HAKE FILLETS, FRESH	DO	425,797	116,983
HALIBUT:			
FROZEN:			
FILLETS	DO	475,165	239,970
STEAKS	DO	6,811,052	2,918,531
CHEEKS	DO	9,223	3,197
SMOKED AND KIPPERED	DO	66,000	30,025
HERRING, LAKE:			
FILLETS:			
FRESH	DO	63,204	17,653
FROZEN	DO	21,772	5,999
SALTED	DO	4,173,804	723,825
SMOKED	DO	288,109	123,658
HERRING, SEA:			
MAINE SARDINES, CANNED	STANDARD CASES	1,753,145	14,902,142
SALTED:			
WHOLE AND FILLETS (BRINED AND DRY SALTED)	POUNDS	431,831	106,563
PICKLED (INCLUDING VINEGARED)	DO	9,794,872	4,644,584
SPECIALTIES (IN SAUCES AND SPECIAL CURING)	DO	8,164,461	4,161,215
SMOKED:			
BONELESS	DO	352,860	112,206
OTHER (INCLUDING BLOATERS)	DO	736,337	151,555
MEAL AND SCRAP	TONS	11,963	1,589,237
OIL	GALLONS	2,000,548	988,994
LAKE TROUT:			
FILLETS:			
FRESH	POUNDS	109,104	91,838
FROZEN	DO	36,806	27,478
SMOKED	DO	194,522	150,270

(CONTINUED ON NEXT PAGE)

MANUFACTURED FISHERY PRODUCTS, 1959 - Continued

ITEM	UNIT	QUANTITY	VALUE
LINGCOD FILLETS:			
FRESH	POUNDS	709,475	$144,849
FROZEN	DO	1,171,040	259,267
MACKEREL:			
FILLETS, EASTERN:			
FRESH	DO	12,115	4,134
FROZEN	DO	43,400	14,220
CANNED (NATURAL AND IN TOMATO SAUCE)			
JACK	STANDARD CASES	303,283	2,121,461
PACIFIC	DO	283,535	2,113,274
SALTED, WHOLE AND FILLETS	POUNDS	680,950	262,368
SMOKED	DO	73,432	42,412
MENHADEN:			
MEAL AND SCRAP	TONS	223,893	26,391,987
OIL	GALLONS	20,628,278	10,743,781
SOLUBLES	TONS	108,079	5,852,514
MOONEYE, SMOKED	POUNDS	9,400	3,925
MULLET:			
SALTED:			
FISH	DO	744,910	101,161
ROE	DO	6,950	5,230
SMOKED	DO	36,980	12,984
OCEAN PERCH FILLETS:			
ATLANTIC:			
FRESH	DO	706,697	187,115
FROZEN	DO	38,042,384	9,247,792
PACIFIC:			
FRESH	DO	416,094	86,070
FROZEN	DO	2,598,027	650,017
PADDLEFISH, SMOKED:	DO	29,000	28,015
POLLOCK FILLETS:			
FRESH	DO	2,049,292	396,477
FROZEN	DO	6,350,493	980,398
ROCKFISHES, FILLETS:			
FRESH	DO	2,827,385	559,947
FROZEN	DO	1,051,449	235,418
SABLEFISH:			
SALTED	DO	143,500	31,498
SMOKED AND KIPPERED	DO	3,664,482	2,237,583
SALMON:			
FROZEN:			
FILLETS	DO	61,481	44,560
STEAKS	DO	1,568,073	1,053,108
CANNED:			
CHINOOK OR KING	STANDARD CASES	126,066	4,775,904
CHUM OR KETA	DO	582,058	11,960,206
PINK	DO	819,823	19,423,378
RED OR SOCKEYE	DO	736,853	28,594,939
SILVER OR COHO	DO	190,516	6,714,952
STEELHEAD	DO	9,897	357,956
TOTAL CANNED SALMON	DO	2,465,213	71,827,335
SMOKED AND KIPPERED	DO	1,402	99,283
CAVIAR	DO	4,820	262,700
EGGS FOR BAIT	DO	18,386	912,372
SALTED:			
MILD-CURED (INCLUDES SALTED BELLIES)	POUNDS	5,759,677	4,639,883
PICKLED	DO	351,387	211,087
CAVIAR	DO	328,997	129,200
EGGS FOR BAIT	DO	466,599	90,633
SMOKED	DO	9,649,633	10,746,323
KIPPERED	DO	1,672,889	1,526,174
OIL (EDIBLE AND INDUSTRIAL)	GALLONS	43,943	50,215
SARDINES, PACIFIC:			
CANNED	STANDARD CASES	754,571	5,399,228
MEAL AND SCRAP	TONS	2,927	323,999
OIL	GALLONS	187,938	91,691
SAUGER FILLETS:			
FRESH	POUNDS	590,642	475,297
FROZEN	DO	237,025	173,376
SEA TROUT FILLETS, FROZEN	DO	5,625	2,560
SHAD:			
CANNED:			
FISH	STANDARD CASES	4,416	29,515
ROE	DO	531	42,483
SMOKED	POUNDS	116,200	38,601
SHARK LIVER OIL	GALLONS	22,193	224,347
SHEEPSHEAD, SMOKED	POUNDS	3,000	1,050

(CONTINUED ON NEXT PAGE)

MANUFACTURED FISHERY PRODUCTS, 1959 - Continued

ITEM	UNIT	QUANTITY	VALUE
SNAPPER, RED:			
FILLETS:			
FRESH	POUNDS	31,465	$22,790
FROZEN	DO	35,730	30,193
STEAKS:			
FRESH	DO	25,990	15,884
FROZEN	DO	6,310	4,076
SPANISH MACKEREL FILLETS:			
FRESH	DO	30,000	11,400
FROZEN	DO	901,783	261,234
STURGEON, SMOKED AND KIPPERED	DO	721,800	1,380,583
SWORDFISH:			
FROZEN STEAKS	DO	853,744	468,532
SMOKED	DO	5,300	3,643
TULLIBEE, SMOKED	DO	35,350	20,258
TUNA:			
CANNED: 1/			
ALBACORE	STANDARD CASES	3,095,634	38,239,759
BLUEFIN	DO	359,066	3,966,197
SKIPJACK	DO	3,119,845	34,848,898
YELLOWFIN	DO	6,764,939	70,861,422
UNCLASSIFIED:			
TONNO	DO	190,709	2,552,852
OTHER	DO	801,520	8,673,485
TOTAL	DO	14,331,713	159,142,613
SPECIALTIES (WITH NOODLES, SHERRY, BEANS, AND CREAMED SAUCE; AND TUNA SAUSAGES)	DO	78,182	1,508,629
CURED:			
SALTED	POUNDS	105,444	76,468
SMOKED	DO	14,666	12,000
TUNALIKE (BONITO AND YELLOWTAIL), CANNED	STANDARD CASES	57,505	382,932
WHITE BASS FILLETS:			
FRESH	POUNDS	17,316	8,180
FROZEN	DO	4,000	1,450
WHITEFISH, COMMON:			
FILLETS:			
FRESH	DO	462,573	314,316
FROZEN	DO	147,476	81,412
CAVIAR, CANNED	STANDARD CASES	2,026	109,114
SMOKED	POUNDS	2,351,074	1,749,495
WHITING:			
FILLETS:			
FRESH	DO	13,108	2,408
FROZEN	DO	4,628,940	803,831
SMOKED	DO	776,255	299,151
WOLFFISH FILLETS:			
FRESH	DO	10,373	3,630
FROZEN	DO	198,078	61,137
YELLOW PERCH FILLETS:			
FRESH	DO	3,026,747	1,200,403
FROZEN	DO	801,463	307,971
YELLOW PIKE FILLETS:			
FRESH	DO	611,746	512,260
FROZEN	DO	308,617	249,870
CRABS:			
BLUE, HARD (INCLUDING ROCK CRABS):			
FRESH AND FROZEN COOKED MEAT	DO	14,513,862	14,648,052
FROZEN SPECIALTIES (CAKES, DEVILED, STICKS, ROLLS, LOAVES, AND STUFFED)	DO	4,164,370	3,347,632
CANNED:			
REGULAR	STANDARD CASES	40,999	833,715
SPECIALTIES	DO	5,694	78,738
MEAL AND SCRAP	TONS	9,157	441,999
DUNGENESS:			
FRESH AND FROZEN COOKED MEAT	POUNDS	5,272,898	4,628,122
CANNED	STANDARD CASES	54,575	1,277,072
MEAL AND SCRAP	TONS	49	2,463
KING:			
FROZEN:			
COOKED MEAT	POUNDS	2,009,911	1,873,176
SECTIONS	DO	347,274	148,943
CANNED	STANDARD CASES	55,316	1,437,890
LOBSTERS:			
NORTHERN, FRESH AND FROZEN COOKED MEAT	POUNDS	958,154	2,881,400
SPINY, FROZEN COOKED MEAT	DO	1,025,877	475,897
NORTHERN AND SPINY FROZEN SPECIALTIES (CAKES, CUTLET, MEAT IN SAUCE, NEWBURG, PIE, SOUP, AND STEW)	DO	296,447	290,455
CANNED SPECIALTIES (MEAT, SPREAD, DIP, SOUPS, AND STEWS)	STANDARD CASES	7,685	236,102

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

MANUFACTURED FISHERY PRODUCTS, 1959 - Continued

ITEM	UNIT	QUANTITY	VALUE
SHRIMP:			
FRESH AND FROZEN:			
HEADLESS	POUNDS	61,598,413	$36,980,274
RAW, PEELED (INCLUDING DEVEINED)	DO	11,096,373	9,945,187
COOKED (INCLUDING PEELED AND DEVEINED)	DO	1,890,703	2,815,626
BREADED, RAW AND COOKED	DO	69,764,216	45,313,584
SPECIALTIES (BURGERS, COCKTAIL, CREOLE, DINNERS, GUMBO, PATTIES, STEAKS, STICKS, STUFFED, WITH DEVILED CRAB, WITH LOBSTER SAUCE, BAIT WITH HEADS ON, AND SOME DEHYDRATED	DO	3,635,451	2,693,485
CANNED:			
WET AND DRY PACK	STANDARD CASES	922,150	16,948,470
SPECIALTIES (DIP, SOUPS AND STEWS)	DO	3,710	50,947
SUN DRIED	POUNDS	321,897	290,985
CURED (SALTED AND PICKLED, AND SMOKED)	DO	11,805	24,270
MEAL AND BRAN	TONS	627	38,657
CLAMS:			
HARD (INCLUDES SURF, PISMO, AND OCEAN QUAHOG):			
SHUCKED, FRESH AND FROZEN	GALLONS	1,443,167	3,388,901
CANNED:			
WHOLE AND MINCED	STANDARD CASES	744,221	4,714,755
CHOWDER AND JUICE	DO	1,160,910	7,744,209
RAZOR:			
SHUCKED, FRESH AND FROZEN	GALLONS	9,850	56,131
CANNED, WHOLE AND MINCED	STANDARD CASES	25,406	528,570
SOFT:			
SHUCKED, FRESH AND FROZEN	GALLONS	593,203	3,606,671
FROZEN, BREADED, COOKED	POUNDS	240,803	243,543
CANNED:			
WHOLE AND MINCED	STANDARD CASES	9,904	178,688
CHOWDER AND JUICE	DO	21,585	124,606
MISCELLANEOUS:			
FROZEN (BREADED, CAKES, CHOWDER, DEVILED, STICKS, IN TOMATO SAUCE AND BROTH CONCENTRATE)	POUNDS	847,679	525,632
CANNED (CAKES, DIP, SPREAD, SAUCE, IN SHELL, SMOKED, BISQUE AND STEW)	STANDARD CASES	19,118	349,126
CONCH MEAT AND CHOWDER, CANNED	DO	5,833	176,550
MUSSEL-SHELL PRODUCTS:			
BUTTONS	GROSS	1,052,086	1,146,373
LIME, POULTRY GRIT, AND SHELLS	TONS	10,535	74,769
OYSTERS:			
EASTERN:			
SHUCKED, FRESH AND FROZEN	GALLONS	5,085,213	31,743,200
STEAMED (INTERMEDIATE PREPARATION)	POUNDS	701,035	1,221,421
FROZEN:			
BREADED	DO	3,017,268	2,935,750
SPECIALTIES (BURGERS, DRESSING, PIE, STICKS, STEW)	DO	879,592	357,072
CANNED:			
REGULAR PACK	STANDARD CASES	295,866	4,155,301
SPECIALTIES (BISQUE AND STEW)	DO	1,701	28,978
SHELL PRODUCTS:			
CRUSHED SHELL FOR POULTRY GRIT	TONS	365,253	4,441,083
LIME, BURNED AND UNBURNED	DO	11,175	183,295
PACIFIC:			
SHUCKED, FRESH AND FROZEN	GALLONS	1,048,742	3,442,238
CANNED:			
REGULAR PACK	STANDARD CASES	125,251	1,565,617
SMOKED	DO	1,554	147,947
SOUP AND STEW	DO	143,903	1,725,074
SHELL PRODUCTS:			
CRUSHED SHELL FOR POULTRY GRIT	TONS	21,112	293,711
LIME, BURNED AND UNBURNED	DO	1,798	19,093
WESTERN AND NEW WASHINGTON, SHUCKED	GALLONS	4,130	108,258
SCALLOPS:			
BAY, SHUCKED, FRESH AND FROZEN	GALLONS	119,657	1,200,009
FROZEN, BREADED (RAW AND COOKED)	POUNDS	9,527,033	8,449,795
SQUID, CANNED	STANDARD CASES	323,030	1,378,344
TERRAPIN AND TURTLE:			
CANNED MEAT, SOUP AND STEW	DO	15,037	244,216
FROZEN STEAKS, TENDERLOINS, AND MEAT	POUNDS	176,155	81,923
WHALE:			
MEAT, FROZEN (FOR ANIMAL FOOD)	DO	3,722,335	346,622
MEAL	TONS	1,881	263,374
OIL:			
SPERM	GALLONS	22,849	11,508
OTHER	DO	498,480	253,398

(CONTINUED ON NEXT PAGE)

MANUFACTURED FISHERY PRODUCTS, 1959 - Continued

ITEM	UNIT	QUANTITY	VALUE
UNCLASSIFIED PRODUCTS:			
PACKAGED, FRESH AND FROZEN:			
FISH FILLETS AND STEAKS, RAW (NOT BREADED) 2/	POUNDS	432,385	$165,321
FISH STICKS, BREADED:			
RAW.	DO	4,903,875	1,839,591
COOKED	DO	55,473,637	26,771,085
FISH, BREADED, RAW AND COOKED (FILLETS, PORTIONS, PAN-DRESSED, CHIPS AND CUTLETS) .	DO	37,955,697	13,376,545
FISH PORTIONS, RAW (NOT BREADED)	DO	2,445,717	1,041,873
FISH AND SHELLFISH SPECIALTIES 3/.	DO	8,482,084	6,487,816
CANNED:			
FISH:			
SHAD AND STURGEON, SMOKED.	STANDARD CASES	609	39,296
CAKES (PRINCIPALLY GROUNDFISH)	DO	91,500	1,238,350
FLAKES (GROUNDFISH), PASTES, AND SPREADS .	DO	12,450	340,171
GEFILTE FISH	DO	246,100	4,371,467
OTHER 4/	DO	60,711	1,513,903
ANIMAL FOOD.	DO	7,210,467	37,077,034
SHELLFISH 5/	DO	2,107	47,382
CURED:			
SALTED FISH (INCLUDING SHARK HIDES) 6/ . . .	POUNDS	728,365	288,657
SMOKED FISH 7/	DO	127,188	75,465
MEAL AND SCRAP:			
FUR SEAL	TONS	330	25,787
TUNA AND MACKEREL.	DO	25,380	2,847,204
UNCLASSIFIED 8/.	DO	30,344	4,001,158
OIL:			
BODY:			
FUR SEAL	GALLONS	39,307	17,688
TUNA AND MACKEREL.	DO	601,010	190,938
UNCLASSIFIED 9/.	DO	881,684	421,404
LIVER AND VISCERA OIL 10/.	DO	10,680	76,156
FISH SOLUBLES AND HOMOGENIZED-CONDENSED FISH, UNCLASSIFIED.	TONS	57,280	4,190,537
MARINE PEARL-SHELL BUTTONS	GROSS	1,718,094	3,166,190
MISCELLANEOUS PRODUCTS 11/	-	-	13,830,120
GRAND TOTAL	-	-	751,696,850

1/ QUANTITIES OF EACH OF THE SPECIES ARE INCLUDED IN THE UNCLASSIFIED TUNA.

2/ INCLUDES BLUEFISH, RED AND BLACK DRUM, KING WHITING, OCEAN POUT, PIKE OR PICKEREL, POMPANO, SABLEFISH, SCUP, SEA BASS, STRIPED BASS, WARSAW, AND UNCLASSIFIED SPECIES.

3/ INCLUDES FROZEN CHOPPED HERRING, TUNA BLOCKS, TUNA LOAF, TUNA LINKS, FLOUNDER IN SAUCE, STUFFED FLOUNDER, BAKED HADDOCK FILLETS, HALIBUT DINNERS, FISH FRANKS, FISH DINNER, FISH CAKES, CRAWFISH BISQUE, LOBSTER TAILS, ABALONE PATTIES AND STEAKS, CONCH MEAT, MUSSELS, SCALLOP DINNER, SQUID, FROG LEGS, SHELLFISH IN DINNERS, GUMBO, SOUPS, CREOLE AND ROLLS.

4/ INCLUDES CANNED SALTED COD, CREAMED FINNAN HADDIE, PACIFIC HERRING IN TOMATO SAUCE, LUMPFISH CAVIAR, MACKEREL, SALMON LIVERS, SPEARFISH, STURGEON CAVIAR, WAHOO, FISH CHOWDER, FISH HORS D'OEUVRES, AND GROUNDFISH ROE. 5/ INCLUDES CANNED CRAWFISH BISQUE, FROG LEGS IN SAUCE, SMOKED MUSSELS, BOUILLABAISE, CREOLE, AND GUMBO.

6/ INCLUDES SALTED BARRACUDA, CHUBS, HAKE, HERRING EGGS ON KELP, POLLOCK, PACIFIC SARDINES, SEA BASS, SPOT, YELLOWTAIL, CAVIAR, GROUNDFISH AND SHARK LEATHER HIDES.

7/ INCLUDES SMOKED BARRACUDA, BOWFIN, BROOK TROUT, BUFFALOFISH, KING MACKEREL, KING WHITING, MARLIN, MENOMINEE WHITEFISH, POLLOCK, SEA BASS, WHITE BASS, YELLOWTAIL, AND MISCELLANEOUS FISH.

8/ INCLUDES MEAL AND SCRAP OF ALEWIFE, ANCHOVY, GROUNDFISH, OCEAN PERCH, SALMON, HORSESHOE CRAB AND UNCLASSIFIED SPECIES.

9/ INCLUDES BODY OIL FROM ANCHOVY, BOTTOMFISH, GROUNDFISH, OCEAN PERCH, AND UNCLASSIFIED SPECIES.

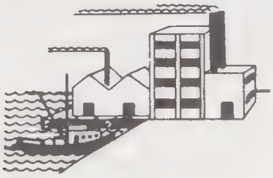
10/ INCLUDES LIVER AND VISCERA OIL FROM HALIBUT, LINGCOD, SABLEFISH, SALMON, SHARK AND TUNA.

11/ INCLUDES AGAR-AGAR, GLUE, IRISH MOSS EXTRACT, KELP PRODUCTS, LIQUID FERTILIZER, AND PEARL ESSENCE.

NOTE:--SOME OF THE ABOVE PRODUCTS MAY HAVE BEEN MANUFACTURED FROM RAW PRODUCTS IMPORTED FROM FOREIGN COUNTRIES; THEREFORE, THEY CANNOT BE CORRELATED DIRECTLY WITH THE CATCH WITHIN THE UNITED STATES AND ITS TERRITORIES. THE LIME AND POULTRY FEED MANUFACTURED FROM SHELL PRODUCTS WERE PRODUCED FROM OYSTER SHELLS THAT ARE NOT INCLUDED IN THE CATCH STATSITICS.

SUMMARY OF MANUFACTURED FISHERY PRODUCTS, 1959

ITEM	UNIT	QUANTITY	VALUE
PACKAGED PRODUCTS, FRESH AND FROZEN:			
FISH:			
NOT BREADED:			
FILLETS AND STEAKS, RAW	POUNDS	147,247,824	$46,173,811
OTHER (INCLUDES WHALE MEAT FOR ANIMAL FEEDING)	DO	6,285,552	1,434,395
BREADED, RAW AND COOKED:			
STICKS	DO	60,377,512	28,610,676
FILLETS, PORTIONS AND PAN-DRESSED	DO	37,955,697	13,376,545
SHELLFISH:			
NOT BREADED	DO	172,354,867	119,702,391
BREADED	DO	82,609,760	56,959,962
FISH AND SHELLFISH SPECIALTIES	DO	20,775,931	14,352,861
TOTAL FRESH AND FROZEN	DO	527,607,143	280,610,641
CANNED:			
FISH AND SHELLFISH, ETC. (FOR HUMAN CONSUMPTION)	DO	627,591,316	310,261,689
SALMON EGGS FOR BAIT	DO	882,528	912,372
ANIMAL FOOD	DO	346,102,416	37,077,034
TOTAL BAIT AND ANIMAL FOOD	DO	346,984,944	37,989,406
TOTAL CANNED	DO	974,576,260	348,251,095
CURED FISH AND SHELLFISH:			
SALTED AND PICKLED	DO	41,337,827	16,720,671
SMOKED	DO	29,649,672	23,316,536
LUTEFISK (FROM DRIED COD)	DO	1,312,505	291,396
DRIED SHRIMP	DO	321,897	290,985
TOTAL CURED	DO	72,621,901	40,619,588
BYPRODUCTS:			
MEAL AND SCRAP (2,000 POUNDS PER TON)	DO	613,102,000	35,925,865
OIL, BODY AND LIVER (7.5 POUNDS PER GALLON)	DO	187,333,912	13,091,976
FISH SOLUBLES AND HOMOGENIZED-CONDENSED FISH	DO	330,717,427	10,043,051
MUSSEL-SHELL LIME AND POULTRY GRIT	DO	21,070,000	74,769
OYSTER-SHELL LIME AND POULTRY GRIT	DO	798,676,000	4,937,182
MARINE PEARL-SHELL AND MUSSEL-SHELL BUTTONS	GROSS	2,770,180	4,312,563
OTHER (AGAR-AGAR, GLUE, IRISH MOSS EXTRACT, KELP PRODUCTS, LIQUID FERTILIZER, AND PEARL ESSENCE)	-	-	13,830,120
TOTAL BYPRODUCTS	-	-	82,215,526
GRAND TOTAL	-	-	751,696,850



CANNED FISHERY PRODUCTS AND BYPRODUCTS

There was a noticeable decrease in the pack of canned fishery products produced in the United States, American Samoa, and Puerto Rico in 1959. The total pack of 32 million cases (975 million pounds) valued at 348 million dollars to the packers was 2.7 million cases (125 million pounds) and 40 million dollars less than in the previous year. The packs for both human consumption and for animal food and bait were down. Small gains made in the packs of tuna, mackerel, clam products, crabmeat, and oysters, were insufficient to overcome large declines in the packs of salmon and sardines (Maine and Pacific) and lesser declines in the packs of animal food, shrimp, and anchovies.

The 1959 tuna pack established a new record of 14.3 million cases. The domestic tuna catch was less than in 1958 but a substantial increase in imports of frozen tuna and tuna loins and discs supplied the necessary additional raw material for a greater pack in 1959. Fifty-three percent of the tuna pack was canned from imported fish. Canned tuna prices remained relatively low -- a factor which, with the increasing popularity of tuna, has resulted in a rising volume of consumption.

The 1959 United States pack of canned salmon was extremely disappointing amounting to only 2.5 million cases valued at 72 million dollars. This was a decline of 34 percent in volume and 23 percent in value compared with the 1958 production which had been considered unusually poor. In Alaska the production of all species except red or sockeye was less than in 1958 and the pack was the smallest since 1900. Although the Pacific Coast States salmon landings were bolstered by the odd-year Puget Sound run of pink salmon, the run was considered poor and the catch was low. Supplies of silver and chum salmon were also down resulting in a below-normal salmon pack in Washington and Oregon.

The pack of Pacific and jack mackerel totaled 587 thousand standard cases valued at 4.2 million dollars -- a gain of 45 percent in volume and 59 percent in value compared with that of the previous year. Although better than in 1958, fishing was not considered good and the pack was far less than the 1947-1958 average of over one million cases. Due to the relative scarcity of fish, the market for canned Pacific mackerel was strong and that for canned jack mackerel remained steady throughout most of the year.

The California pack of anchovies, again reflecting a shortage of this species in California waters, amounted to only 4 thousand cases -- a far cry from the 54 thousand-case and 440 thousand-case packs of 1958 and 1957. Despite the small supply, market conditions were not favorable for canned anchovies and a portion of the catch was utilized as bait or diverted into the production of canned pet food.

The sardine industry in California was unsettled as the 1959 season opened. Fish were available but the market for canned sardines was depressed by the carry-over of stocks from the 1958 pack, sluggishness of the domestic market, and increased competition in the export markets. Fishing was delayed by a price dispute and the season ended with the pack amounting to only 755 thousand cases -- 66 percent less than in the previous year.

Production of Maine sardines totaled 1.8 million cases valued at 14.9 million dollars to the packers. The volume was 17 percent less than in 1958 while the value declined about 6 percent.

A surprisingly larger crop of oysters for canning in the Gulf area offset the decline in the quantities of oysters canned along the East and West Coasts. The pack of canned oysters amounted to 421 thousand cases valued at 5.7 million dollars to the canners representing an increase of 6 percent in volume and 5 percent in value compared with 1958. Greater fishing effort by fishermen in the Gulf and a more plentiful crop was primarily responsible for the increase. Production of oyster stew totaled 144 thousand standard cases in 1959 -- an increase of 8 percent compared with that of the previous year.

The pack of canned shrimp totaled 922 thousand cases valued at 16.9 million dollars. In the South Atlantic and Gulf States -- the major production area -- the pack amounted to 753 thousand cases, while that along the Pacific States totaled 169 thousand cases. Canning of shrimp first became possible on the Pacific Coast in 1957 when mechanical means of picking shrimp meats were introduced from the Gulf of Mexico. In that year the Pacific Coast (including Alaska) pack amounted to 49 thousand cases. Growth of the shrimp canning industry in Alaska has been remarkable. In 1957 the pack totaled 16 thousand cases, while in 1958 it rose to 51 thousand cases, and in 1959 to 104 thousand cases.

The pack of whole and minced clams totaled 780 thousand cases compared with 635 thousand cases produced during the previous year. The production of clam chowder amounted to 1.1 million cases -- about 70 thousand cases less than in 1958. The pack of all canned clam products was valued at 13.3 million dollars to the canners.

Since 1947, when the pack of fish for animal food amounted to only 910 thousand cases, production has increased in volume each year except 1951, and 1959. The 1959 pack (7.2 million cases valued at 37 million dollars) was 4 percent less in volume and 12 percent less in value than that of 1958. In 1959 only the packs of canned tuna and salmon yielded canners a greater return.

Fish meal production in 1959 amounted to a record 307 thousand tons -- 58 thousand tons more than was produced in 1958. The yield of menhaden meal, which accounted for 73 percent of the total meal production, was the largest in the history of this fishery. Fish and fish-liver oil production (25 million gallons) was 2.9 million gallons greater than in the previous year. The production of fish solubles and homogenized-condensed fish totaled 331 million pounds -- a new record. The increase in the domestic production of fish meal and solubles coupled with heavy imports of these products caused prices to decline sharply late in the year.

Other important byproducts produced during the year included marine pearl-shell; oyster-shell, and fresh-water mussel-shell products, valued at 9.3 million dollars; and agar-agar, glue, seaweed products, liquid fertilizer, and pearl essence, valued at nearly 14 million dollars.

SUMMARY OF PRODUCTION, BY COMMODITIES, 1959

PRODUCT	NUMBER OF PLANTS	STANDARD CASES	POUNDS PER CASE	POUNDS	VALUE
CANNED PRODUCTS:					
FOR HUMAN CONSUMPTION:					
SALMON	104	2,465,213	48	118,330,224	$71,827,335
SARDINES:					
MAINE	32	1,753,145	23.4	41,023,593	14,902,142
PACIFIC	16	754,571	45	33,955,695	5,399,228
ANCHOVIES	4	4,275	31.25	133,594	29,444
TUNA:					
SOLID	36	3,420,348	21	71,827,308	45,316,386
CHUNKS	29	9,306,567	19.5	181,478,056	102,286,827
FLAKES AND GRATED	31	1,604,798	18	28,886,364	11,539,400
TOTAL	1/37	14,331,713	-	282,191,728	159,142,613
TUNALIKE FISHES	10	57,505	21-19.5-18	1,070,517	382,932
ALEWIVES	12	72,893	45	3,280,185	340,459
MACKEREL	18	586,818	45	26,406,810	4,234,735
SHAD	5	4,416	45	198,720	29,515
FISH CAKES (PRINCIPALLY GROUNDFISH)	5	91,500	48	4,392,000	1,238,350
FISH FLAKES (GROUNDFISH), PASTE AND SPREAD	5	12,450	48	597,600	340,171
GEFILTE FISH	5	246,100	48	11,812,800	4,371,467
FISH, SMOKED AND KIPPERED (SALMON, STURGEON, AND SHAD)	18	2,011	48	96,528	138,579
TUNA SPECIALTIES (WITH NOODLES, SHERRY, BEANS, AND CREAM SAUCE; AND TUNA SAUSAGES)	7	78,182	48	3,752,736	1,508,629
MISCELLANEOUS FISH SPECIALTIES	8	53,850	48	2,584,800	667,896
FISH ROE AND CAVIAR	23	52,414	48	2,515,872	1,735,897
CRABMEAT, NATURAL	38	150,890	19.5	2,942,355	3,548,677
CRAB SPECIALTIES (DEVILED, SOFT SHELL, SPREAD, NEWBURG, BISQUE, AND SOUP)	5	5,694	48	273,312	78,738
LOBSTER SPECIALTIES (MEAT, SPREAD, DIP, SOUPS, AND STEWS)	6	7,685	48	368,880	236,102
SHRIMP, NATURAL	46	922,150	15	2/13,832,250	16,948,470
SHRIMP SPECIALTIES	7	3,710	48	178,080	50,947
CLAMS AND PRODUCTS:					
WHOLE CLAMS	14	18,766	15	3/281,490	288,562
MINCED	24	760,765	15	3/11,411,475	5,133,451
CHOWDER	17	1,117,200	30	3/33,516,000	7,390,436
JUICE (BOUILLON, BROTH, AND NECTAR)	10	65,295	30	3/1,958,850	478,379
TOTAL	1/41	1,962,026	-	47,167,815	13,290,828
CLAM SPECIALTIES (CAKES, DIP, SPREAD, SAUCE, IN SHELL, SMOKED, BISQUE, AND STEW)	7	19,118	48	917,664	349,126
CONCH MEAT AND CHOWDER	4	5,833	48	279,984	176,550
OYSTERS, NATURAL	28	421,117	14	2/5,895,638	5,720,918
OYSTER SPECIALTIES (SMOKED, STEW, AND SOUPS)	-	147,158	48	7,063,584	1,901,999
SQUID	12	323,030	48	15,505,440	1,378,344
TERRAPIN AND TURTLE (MEAT, SOUP, AND STEW)	5	15,037	48	721,776	244,216
MISCELLANEOUS SHELLFISH SPECIALTIES	5	2,107	48	101,136	47,382
TOTAL FOR HUMAN CONSUMPTION	1/324	24,552,611	-	627,591,316	310,261,689
BAIT AND ANIMAL FOOD:					
ANIMAL FOOD	51	7,210,467	48	346,102,416	37,077,034
SALMON EGGS FOR BAIT	7	18,386	48	882,528	912,372
TOTAL BAIT AND ANIMAL FOOD	58	7,228,853	-	346,984,944	37,989,406
GRAND TOTAL, CANNED	1/359	31,781,464	-	974,576,260	348,251,095

		UNIT	QUANTITY	VALUE
BYPRODUCTS:				
MARINE ANIMAL SCRAP AND MEAL	150	TONS	306,551	$35,925,865
MARINE ANIMAL OILS:				
BODY OIL	89	GALLONS	24,944,982	12,791,473
LIVER OIL	4	DO	32,873	300,503
MARINE PEARL-SHELL BUTTONS	16	GROSS	1,718,094	3,166,190
MUSSEL-SHELL PRODUCTS, FRESH-WATER	11	-	-	1,221,142
OYSTER-SHELL PRODUCTS	18	TONS	399,338	4,937,182
FISH SOLUBLES AND HOMOGENIZED-CONDENSED FISH	52	POUNDS	330,717,427	10,043,051
MISCELLANEOUS BYPRODUCTS	14	-	-	13,830,120
TOTAL BYPRODUCTS	1/212	-	-	82,215,526
GRAND TOTAL	1/526	-	-	430,466,621

1/ EXCLUSIVE OF DUPLICATION. 2/ DRAINED WEIGHT. 3/ "CUT OUT" OR "DRAINED" WEIGHTS OF CAN CONTENTS ARE GIVEN FOR WHOLE OR MINCED CLAMS, AND NET CAN CONTENTS FOR OTHER CLAM PRODUCTS.

SUMMARY OF PRODUCTION, 1959

STATE	CANNED		BYPRODUCTS	TOTAL
	POUNDS	VALUE	VALUE	VALUE
MAINE	94,210,602	$23,966,531	$4,808,057	$28,774,588
MASSACHUSETTS, RHODE ISLAND, CONNECTICUT	66,345,576	8,293,157	7,955,879	16,249,036
NEW YORK	13,096,232	3,234,090	2,026,334	5,260,424
NEW JERSEY	35,666,158	10,923,404	7,039,898	17,963,302
PENNSYLVANIA, DELAWARE	9,592,230	2,373,007	5,492,315	7,865,322
MARYLAND, AMERICAN SAMOA, HAWAII, PUERTO RICO	50,002,503	25,898,742	1,206,569	27,105,311
VIRGINIA	6,987,729	899,308	7,422,834	8,322,142
NORTH CAROLINA, SOUTH CAROLINA	2,390,055	1,516,880	5,892,302	7,409,182
GEORGIA, FLORIDA, ALABAMA	669,727	795,924	4,150,682	4,946,606
MISSISSIPPI	89,883,813	13,301,468	3,747,431	17,048,899
LOUISIANA, TEXAS	11,112,763	12,921,849	13,975,096	26,896,945
ILLINOIS, MICHIGAN, OHIO, WISCONSIN	3,213,600	390,851	128,000	518,851
IOWA, MISSOURI	-	-	1,092,036	1,092,036
WASHINGTON	50,880,763	28,034,236	363,068	28,397,304
OREGON	26,197,448	16,870,901	464,585	17,335,486
CALIFORNIA	425,704,183	145,427,578	14,362,325	159,789,903
ALASKA	88,622,878	53,403,169	2,088,115	55,491,284
TOTAL	974,576,260	348,251,095	82,215,526	430,466,621

FACTORS USED TO CONVERT STANDARD CASES TO POUNDS

PRODUCTS	PRIOR TO 1939	1939 AND 1940	1941	1942	1943
	POUNDS PER CASE	POUNDS PER CASE	POUNDS PER CASE	POUNDS PER CASE	POUNDS PER CASE
SARDINES:					
MAINE	25	25	25	25.3	20.3
PACIFIC	48	48	48	45	45
TUNA AND TUNALIKE FISHES:					
SOLID	24	24	21	22.5	22.5
CHUNKS	-	-	-	-	-
FLAKES	24	24	21	18	18
MACKEREL	48	48	48	45	45
ALEWIVES	48	48	48	48	45
ANCHOVIES	48	48	48	48	48
SHAD	48	48	48	48	48
FISH FLAKES	48	48	48	48	48
OYSTERS	15	15	15	15	22.5
SHRIMP:					
WET PACK	17.25	17.25	17.25	21	21
DRY PACK	15	15	15	19.5	19.5
CLAM PRODUCTS:					
WHOLE AND MINCED	15	15	15	15	15
JUICE, CHOWDER, BROTH, ETC.	30	30	30	30	30
CRABS	48	39	39	39	39
ALL OTHERS	48	48	48	48	48

PRODUCTS	1944 TO 1947	1948 TO 1951	1952	1953 TO 1957	1958 AND 1959
	POUNDS PER CASE	POUNDS PER CASE	POUNDS PER CASE	POUNDS PER CASE	POUNDS PER CASE
SARDINES:					
MAINE	20.3	20.3	20.3	20.3	23.4
PACIFIC	45	45	45	45	45
TUNA AND TUNALIKE FISHES:					
SOLID	21	21	21	21	21
CHUNKS	(1)	(1)	19.5	19.5	19.5
FLAKES	18	18	18	18	18
MACKEREL	45	45	45	45	45
ALEWIVES	45	45	45	45	45
ANCHOVIES	48	48	48	31.25	31.25
SHAD	45	45	45	45	45
FISH FLAKES	42	42	42	48	48
OYSTERS	22.5	14	14	14	14
SHRIMP:					
WET PACK	21	15	15	15	15
DRY PACK	-	-	15	15	15
CLAM PRODUCTS:					
WHOLE AND MINCED	15	15	15	15	15
JUICE, CHOWDER, BROTH, ETC.	30	30	30	30	30
CRABS	39	19.5	19.5	19.5	19.5
ALL OTHER	48	48	48	48	48

1/ PRIOR TO 1952 CHUNK PACK TUNA WAS INCLUDED WITH THE FLAKE PACK.

NOTE:--THE FACTORS LISTED ABOVE WERE USED IN CONVERTING THE STANDARD CASES REPORTED IN THE CANNED FISHERY PRODUCTS BULLETINS FOR THE YEARS INDICATED.

PLANTS PRODUCING FISHERY PRODUCTS AND BYPRODUCTS, 1959

STATE AND AREA	CANNED PRODUCTS	BYPRODUCTS	TOTAL PLANTS, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER
NEW ENGLAND:			
MAINE	42	13	51
MASSACHUSETTS	8	7	13
CONNECTICUT	1	1	2
RHODE ISLAND	1	1	2
TOTAL	52	22	68
MIDDLE ATLANTIC:			
NEW YORK	10	4	14
NEW JERSEY	12	14	26
PENNSYLVANIA	7	2	9
DELAWARE	1	3	4
TOTAL	30	23	53
CHESAPEAKE BAY:			
MARYLAND	4	9	12
VIRGINIA	9	16	24
TOTAL	13	25	36
SOUTH ATLANTIC AND GULF:			
NORTH CAROLINA	7	19	21
SOUTH CAROLINA	3	2	5
GEORGIA	1	1	2
FLORIDA	1	6	7
ALABAMA	2	1	3
MISSISSIPPI	13	9	21
LOUISIANA	28	30	56
TEXAS	1	4	5
TOTAL	56	72	120
GREAT LAKES AND MISSISSIPPI RIVER:			
ILLINOIS	1	1	2
IOWA	-	8	8
MICHIGAN	1	-	1
MISSOURI	-	1	1
OHIO	1	-	1
WISCONSIN	1	-	1
TOTAL	4	10	14
PACIFIC COAST:			
WASHINGTON	60	13	73
OREGON	17	4	19
CALIFORNIA	37	33	47
ALASKA	87	7	93
TOTAL	201	57	232
HAWAII	1	1	1
AMERICAN SAMOA	1	1	1
PUERTO RICO	1	1	1
GRAND TOTAL	359	212	526

PACK OF SALMON, BY STATES, 1959

(STANDARD CASES)

SPECIES AND CAN SIZE	ALASKA		WASHINGTON		OREGON		TOTAL	
	CASES	VALUE	CASES	VALUE	CASES	VALUE	CASES	VALUE
CHINOOK OR KING:								
1-POUND TALL 1/	21,180	$590,331	4,673	$105,775	2,894	$104,981	28,747	$801,087
1/2-POUND FLAT	23,596	919,255	12,402	446,884	2/49,577	2,079,964	85,575	3,446,103
1/4-POUND FLAT	-	-	2,482	112,873	6,495	336,199	8,977	449,072
4-POUND TALL	283	7,962	2,484	71,680	-	-	2,767	79,642
TOTAL	45,059	1,517,548	22,041	737,212	58,966	2,521,144	126,066	4,775,904
CHUM OR KETA:								
1-POUND TALL	375,380	7,613,163	140,989	2,889,436	1,898	36,536	518,267	10,539,135
1/2-POUND FLAT	27,579	619,446	3,695	84,194	2,120	46,550	33,394	750,190
4-POUND TALL	12,329	263,721	18,068	407,160	-	-	30,397	670,881
TOTAL	415,288	8,496,330	162,752	3,380,790	4,018	83,086	582,058	11,960,206
PINK:								
1-POUND TALL	538,589	12,602,290	112,241	2,553,940	-	-	650,830	15,156,230
1/2-POUND FLAT	65,672	1,665,150	53,890	1,426,205	13	375	119,575	3,091,730
1/4-POUND FLAT	-	-	435	13,159	-	-	435	13,159
4-POUND TALL	30,682	734,491	18,301	427,768	-	-	48,983	1,162,259
TOTAL	634,943	15,001,931	184,867	4,421,072	13	375	819,823	19,423,378
RED OR SOCKEYE:								
1-POUND TALL	421,154	14,286,634	36	1,344	-	-	421,190	14,287,978
1/2-POUND FLAT	156,682	6,896,319	102,675	4,621,452	10,007	467,998	269,364	11,985,769
1/4-POUND FLAT	-	-	34,238	1,811,932	5,165	265,561	39,403	2,077,493
4-POUND TALL	6,634	233,859	262	9,840	-	-	6,896	243,699
TOTAL	584,470	21,416,812	137,211	6,444,568	15,172	733,559	736,853	28,594,939
SILVER OR COHO:								
1-POUND TALL	51,105	1,469,642	4,032	126,232	96	2,934	55,233	1,598,808
1/2-POUND FLAT	35,676	1,206,089	23,945	850,234	2,219	71,254	61,840	2,127,577
1/4-POUND FLAT	-	-	45,643	1,998,867	11,746	482,449	57,389	2,481,316
4-POUND TALL	11,423	359,492	4,631	147,759	-	-	16,054	507,251
TOTAL	98,204	3,035,223	78,251	3,123,092	14,061	556,637	190,516	6,714,952
STEELHEAD:								
1/2-POUND FLAT	1	23	365	12,173	2,854	99,604	3,220	111,800
1/4-POUND FLAT	-	-	-	-	6,628	245,058	6,628	245,058
4-POUND TALL	49	1,098	-	-	-	-	49	1,098
TOTAL	50	1,121	365	12,173	9,482	344,662	9,897	357,956
GRAND TOTAL	1,778,014	49,468,965	585,487	18,118,907	101,712	4,239,463	2,465,213	71,827,335

1/ INCLUDES A SMALL QUANTITY PACKED IN OVAL CANS.

2/ INCLUDES A SMALL PACK PRODUCED IN CALIFORNIA.

NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZE CASES CONVERTED TO THE EQUIVALENT OF FORTY-EIGHT 1-POUND CANS, EACH CAN CONTAINING 16 OUNCES. SALMON WERE CANNED IN 26 PLANTS IN WASHINGTON, 9 IN OREGON, 1 IN CALIFORNIA, AND 68 IN ALASKA. THE PACK OF SMOKED SALMON IS INCLUDED IN THE TABLE OF MISCELLANEOUS CANNED PRODUCTS.

ALASKAN PACK OF SALMON, BY DISTRICTS, 1959

(STANDARD CASES)

SPECIES AND CAN SIZE	SOUTHEASTERN		CENTRAL		WESTERN		TOTAL	
	CASES	VALUE	CASES	VALUE	CASES	VALUE	CASES	VALUE
CHINOOK OR KING:								
1-POUND TALL	839	$23,262	2,676	$77,250	17,665	$489,819	21,180	$590,331
1/2-POUND FLAT	363	11,739	8,989	335,117	14,244	572,399	23,596	919,255
4-POUND TALL	40	1,280	-	-	243	6,682	283	7,962
TOTAL	1,242	36,281	11,665	412,367	32,152	1,068,900	45,059	1,517,548
CHUM OR KETA:								
1-POUND TALL	144,872	2,908,139	188,294	3,902,641	42,214	802,383	375,380	7,613,163
1/2-POUND FLAT	10,661	241,724	9,953	210,550	6,965	167,172	27,579	619,446
4-POUND TALL	7,412	159,448	4,725	99,857	192	4,416	12,329	263,721
TOTAL	162,945	3,309,311	202,972	4,213,048	49,371	973,971	415,288	8,496,330
PINK:								
1-POUND TALL	397,855	9,384,368	140,722	3,217,646	12	276	538,589	12,602,290
1/2-POUND FLAT	56,134	1,432,965	9,518	231,652	20	533	65,672	1,665,150
4-POUND TALL	18,695	448,680	11,987	285,811	-	-	30,682	734,491
TOTAL	472,684	11,266,013	162,227	3,735,109	32	809	634,943	15,001,931
RED OR SOCKEYE:								
1-POUND TALL	26,557	926,930	77,553	2,762,489	317,044	10,597,215	421,154	14,286,634
1/2-POUND FLAT	33,581	1,525,196	78,765	3,331,644	44,336	2,039,479	156,682	6,896,319
4-POUND TALL	1,556	56,016	4,908	172,403	170	5,440	6,634	233,859
TOTAL	61,694	2,508,142	161,226	6,266,536	361,550	12,642,134	584,470	21,416,812
SILVER OR COHO:								
1-POUND TALL	25,060	715,257	24,615	717,038	1,430	37,347	51,105	1,469,642
1/2-POUND FLAT	25,771	865,252	8,244	281,779	1,661	59,058	35,676	1,206,089
4-POUND TALL	9,167	287,328	2,256	72,164	-	-	11,423	359,492
TOTAL	59,998	1,867,837	35,115	1,070,981	3,091	96,405	98,204	3,035,223
STEELHEAD:								
1/2-POUND FLAT	1	23	-	-	-	-	1	23
4-POUND TALL	-	-	49	1,098	-	-	49	1,098
TOTAL	1	23	49	1,098	-	-	50	1,121
GRAND TOTAL	758,564	18,987,607	573,254	15,699,139	446,196	14,782,219	1,778,014	49,468,965

SEE NOTE ON PAGE 43.

WASHINGTON AND OREGON SALMON PACK, BY DISTRICTS, 1959

(STANDARD CASES)

SPECIES	PUGET SOUND		COLUMBIA RIVER		COASTAL		TOTAL	
	CASES	VALUE	CASES	VALUE	CASES	VALUE	CASES	VALUE
CHINOOK OR KING. . .	10,221	$297,386	70,149	$2,942,503	1/637	$18,467	81,007	$3,258,356
CHUM OR KETA	156,074	3,244,307	6,250	127,751	4,446	91,818	166,770	3,463,876
PINK	184,448	4,410,178	-	-	432	11,269	184,880	4,421,447
RED OR SOCKEYE . . .	134,739	6,328,190	17,069	823,850	575	26,087	152,383	7,178,127
SILVER OR COHO . . .	76,377	3,054,784	14,931	586,739	1,004	38,206	92,312	3,679,729
STEELHEAD.	-	-	9,847	356,835	-	-	9,847	356,835
TOTAL	561,859	17,334,845	118,246	4,837,678	7,094	185,847	687,199	22,358,370

1/ INCLUDES A SMALL PACK PRODUCED IN CALIFORNIA.

PUGET SOUND SALMON PACK, BY ORIGIN OF FISH, 1959

(STANDARD CASES)

SPECIES	PUGET SOUND FISH	CANADIAN FISH	ALASKAN FISH	TOTAL
	CASES	CASES	CASES	CASES
CHINOOK OR KING.	7,160	2,950	111	10,221
CHUM OR KETA	44,400	105,298	6,376	156,074
PINK	178,209	-	6,239	184,448
RED OR SOCKEYE	132,111	-	2,628	134,739
SILVER OR COHO	52,582	6,174	17,621	76,377
TOTAL	414,462	114,422	32,975	561,859

NOTE:--A SMALL QUANTITY OF WASHINGTON COAST FISH IS INCLUDED WITH THE PUGET SOUND FISH.

PACK OF MAINE SARDINES, 1959

STYLE OF PACK	STANDARD CASES	VALUE
SOYBEAN OIL.	1,550,449	$13,113,131
MUSTARD SAUCE.	144,352	1,286,401
TOMATO SAUCE	32,469	254,833
OLIVE OIL.	10,544	151,420
OTHER 1/	15,331	96,357
TOTAL	1,753,145	14,902,142

CAN CONTENTS AND CASE SIZE	ACTUAL CASES	VALUE
3-3/4 OUNCES NET (100 CANS). .	1,701,972	$14,610,170
12 OUNCES NET (48 CANS). . . .	6,081	70,079
15 OUNCES NET (48 CANS). . . .	13,399	101,897
OTHER SIZES (CONVERTED TO 3-3/4 OUNCES NET - 100 CANS).	16,325	119,996
TOTAL	1,737,777	14,902,142

1/ INCLUDES SMALL QUANTITIES PACKED NATURAL AND IN PEANUT OIL, COTTONSEED OIL, COCKTAIL SAUCE, AND WITH CHILI PEPPERS.

NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZE CASES CONVERTED TO THE UNIFORM BASIS OF ONE HUNDRED 1/4 OIL CANS (3-3/4 OUNCES NET) TO THE CASE. SARDINES WERE CANNED IN 32 PLANTS IN MAINE.

PACK OF PACIFIC SARDINES, 1959

STYLE OF PACK	STANDARD CASES	VALUE
NATURAL.	121,778	$691,926
IN TOMATO SAUCE. . . .	603,293	4,463,881
IN MUSTARD SAUCE . . .	19,047	143,507
OTHER (IN TOMATO AND OLIVE OIL, SPICED, AND NATURAL FILLETS)	10,453	99,914
TOTAL	754,571	5,399,228

CAN CONTENTS AND CASE SIZE	ACTUAL CASES	VALUE
1 POUND CAN:		
15 OUNCES NET, OVAL (48 CANS)	457,217	$3,381,732
15 OUNCES NET, TALL (48 CANS)	216,066	1,260,249
7-1/2 OUNCES NET (48 CANS) . .	9,830	68,647
5 OUNCES NET (100 CANS). . . .	109,978	688,600
TOTAL	793,091	5,399,228

NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZE CASES CONVERTED TO THE UNIFORM BASIS OF FORTY-EIGHT 1-POUND CANS (15 OUNCES NET). SARDINES WERE CANNED IN 16 PLANTS IN CALIFORNIA.

PACK OF TUNA, 1959

(STANDARD CASES)

SPECIES	CALIFORNIA		WASHINGTON AND OREGON		ATLANTIC AND GULF COASTS, HAWAII, AND U. S. TERRITORIES		TOTAL	
	CASES	VALUE	CASES	VALUE	CASES	VALUE	CASES	VALUE
ALBACORE:								
SOLID PACK	1,025,929	$13,653,541	699,385	$9,817,566	460,563	$6,016,856	2,185,877	$29,487,963
CHUNKS	400,260	4,865,361	49,006	579,751	(1)	(1)	449,266	5,445,112
FLAKES AND GRATED	213,147	1,501,459	141,781	1,085,060	105,563	720,165	460,491	3,306,684
TOTAL	1,639,336	20,020,361	890,172	11,482,377	566,126	6,737,021	3,095,634	38,239,759
BLUEFIN:								
SOLID PACK	26,427	307,198	-	-	(1)	(1)	26,427	307,198
CHUNKS	295,062	3,386,470	-	-	(1)	(1)	295,062	3,386,470
FLAKES AND GRATED	37,577	272,529	-	-	(1)	(1)	37,577	272,529
TOTAL	359,066	3,966,197	-	-	-	-	359,066	3,966,197
SKIPJACK:								
SOLID PACK	191,219	2,487,035	-	-	(1)	(1)	191,219	2,487,035
CHUNKS	2,527,938	29,376,576	-	-	(1)	(1)	2,527,938	29,376,576
FLAKES AND GRATED	400,688	2,985,287	-	-	(1)	(1)	400,688	2,985,287
TOTAL	3,119,845	34,848,898	-	-	-	-	3,119,845	34,848,898
YELLOWFIN: 2/								
SOLID PACK	714,346	9,268,331	6,616	75,427	72,469	836,125	793,431	10,179,883
CHUNKS	4,116,570	43,830,825	371,270	3,439,672	820,818	8,755,699	5,308,658	56,026,196
FLAKES AND GRATED	509,441	3,710,572	11,403	79,668	142,006	865,103	662,850	4,655,343
TOTAL	5,340,357	56,809,728	389,289	3,594,767	1,035,293	10,456,927	6,764,939	70,861,422
UNCLASSIFIED:								
TONNO, SOLID PACK	190,709	2,552,852	-	-	-	-	190,709	2,552,852
OTHER:								
SOLID PACK	-	-	-	-	32,685	301,455	32,685	301,455
CHUNKS	-	-	-	-	725,643	8,052,473	725,643	8,052,473
FLAKES AND GRATED	818	14,060	-	-	42,374	305,497	43,192	319,557
TOTAL, UNCLASSIFIED	191,527	2,566,912	-	-	800,702	8,659,425	992,229	11,226,337
GRAND TOTAL	10,650,131	118,212,096	1,279,461	15,077,144	2,402,121	25,853,373	14,331,713	159,142,613

1/ INCLUDED WITH UNCLASSIFIED, OTHER THAN TONNO.

2/ INCLUDES A SMALL QUANTITY OF BIG-EYED TUNA IN CALIFORNIA AND HAWAII.

NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZE CASES CONVERTED TO THE EQUIVALENT OF FORTY-EIGHT NO. 1/2 TUNA CANS TO THE CASE, EACH CONTAINING 7 OUNCES NET WEIGHT OF SOLID PACK, 6-1/2 OUNCES NET WEIGHT OF CHUNKS, OR 6 OUNCES NET WEIGHT OF FLAKES OR GRATED. DIETETIC AND BABY FOOD TUNA PACKS ARE INCLUDED IN THESE TOTALS. TUNA WERE CANNED IN 16 PLANTS IN CALIFORNIA, 8 IN OREGON, 6 IN WASHINGTON, AND 1 PLANT EACH IN MAINE, MARYLAND, MISSISSIPPI, PENNSYLVANIA, AMERICAN SAMOA, HAWAII, AND PUERTO RICO. DATA ON THE PACK OF TUNA AND NOODLES AND OTHER TUNA SPECIALTY PRODUCTS CAN BE FOUND IN THE TABLE OF MISCELLANEOUS CANNED FISHERY PRODUCTS.

PACK OF TUNA, BY CAN SIZES, 1959

CAN AND CASE SIZE		ACTUAL CASES	VALUE
4-POUNDS	(12 CANS)	33,500	$807,319
1-POUND	(48 CANS)	100,679	2,240,435
1/2-POUND	(48 CANS)	12,397,114	136,253,095
1/4-POUND	(48 CANS)	976,331	7,729,047
9-1/2 OUNCES	(24 CANS)	729,876	6,475,429
OTHER SIZES (CONVERTED TO STANDARD CASES)		658,768	5,637,288
TOTAL		14,896,268	159,142,613

PACK OF TUNALIKE FISHES, 1959

SPECIES	STANDARD CASES	VALUE
BONITO AND YELLOWTAIL:		
SOLID PACK	171	$1,320
CHUNKS	23,276	156,836
FLAKES AND GRATED	34,058	224,776
TOTAL	57,505	382,932

NOTE:--"STANDARD CASES" REPRESENT THE EQUIVALENT OF FORTY-EIGHT NO. 1/2 TUNA CANS TO THE CASE, EACH CONTAINING 7 OUNCES NET WEIGHT OF SOLID PACK, 6 TO 6-1/2 OUNCES NET WEIGHT OF CHUNKS, OR 6 OUNCES NET WEIGHT OF FLAKES OR GRATED. TUNALIKE FISHES WERE CANNED IN 9 PLANTS IN CALIFORNIA.

PACK OF ALEWIVES, 1959

STATE AND NUMBER OF PLANTS	STANDARD CASES	VALUE
MARYLAND (1), NORTH CAROLINA (4)	10,153	$52,423
VIRGINIA (7)	1/62,740	288,036
TOTAL (12)	72,893	340,459

1/ INCLUDES A SMALL PACK OF ALEWIVES WITH ROE.

NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZE CASES CONVERTED TO THE EQUIVALENT OF FORTY-EIGHT CANS OF 15 OUNCES EACH. PRACTICALLY THE ENTIRE PACK WAS CANNED IN 15 OUNCE CANS.

PACK OF MACKEREL, 1959

ITEM	STANDARD CASES	VALUE
JACK MACKEREL:		
NATURAL	215,709	$1,499,800
IN TOMATO SAUCE AND HOT SAUCE	87,574	621,661
TOTAL	303,283	2,121,461
PACIFIC MACKEREL:		
NATURAL	282,238	2,100,764
IN TOMATO SAUCE AND HOT SAUCE	1,297	12,510
TOTAL	283,535	2,113,274
GRAND TOTAL	586,818	4,234,735

NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZE CASES CONVERTED TO THE EQUIVALENT OF FORTY-EIGHT CANS OF 15 OUNCES EACH. PRACTICALLY THE ENTIRE PACK WAS CANNED IN 15 OUNCE CANS. MACKEREL WERE CANNED IN 18 PLANTS IN CALIFORNIA.

PACK OF ANCHOVIES, 1959

STYLE OF PACK	STANDARD CASES	VALUE
IN TOMATO SAUCE, HOT SAUCE AND WITH SPICES	4,275	$29,444

NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZE CASES CONVERTED TO THE UNIFORM BASIS OF 100 CANS, EACH CAN CONTAINING 5 OUNCES. ANCHOVIES WERE CANNED IN ONE PLANT IN NEW YORK AND 4 PLANTS IN CALIFORNIA.

PACK OF SHAD, 1959

STATE AND NUMBER OF PLANTS	STANDARD CASES	VALUE
VIRGINIA (1), WASHINGTON (1), AND OREGON (3)	4,416	$29,515

NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZE CASES CONVERTED TO THE EQUIVALENT OF FORTY-EIGHT CANS OF 15 OUNCES EACH.

PACK OF ANIMAL FOOD FROM FISHERY PRODUCTS, 1959

STATE AND NUMBER OF PLANTS	STANDARD CASES	VALUE	CAN AND CASE SIZE	ACTUAL CASES	VALUE
MAINE (3)	739,248	$4,421,676	8 OUNCES NET (48 CANS)	3,921,295	$13,538,359
MASSACHUSETTS (5)	1,291,860	6,952,339	16 OUNCES NET (48 CANS)	5,149,996	22,963,222
NEW YORK (1), NEW JERSEY (1), PENNSYLVANIA (3)	232,754	748,412			
MARYLAND (1), VIRGINIA (1), NORTH CAROLINA (1)	83,501	437,843	OTHER SIZES CONVERTED TO STANDARD CASES (16 OUNCES NET - 48 CANS)	99,823	575,453
MISSISSIPPI (5), ILLINOIS (1), MICHIGAN (1)	1,863,124	9,290,596			
WASHINGTON (2), OREGON (4)	130,376	757,484			
CALIFORNIA (20), AMERICAN SAMOA (1), PUERTO RICO (1)	2,869,604	14,468,684			
TOTAL (51)	7,210,467	37,077,034	TOTAL	9,171,114	37,077,034

NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZE CASES CONVERTED TO THE EQUIVALENT OF FORTY-EIGHT CANS, EACH CONTAINING 16 OUNCES.

PACK OF FISH ROE AND CAVIAR, 1959

PRODUCT AND NUMBER OF PLANTS	STANDARD CASES	VALUE	STATES OF PRODUCTION AND NUMBER OF PLANTS
ALEWIFE ROE (15).	38,176	$475,593	MARYLAND (1), VIRGINIA (9), AND NORTH CAROLINA (5)
SHAD ROE (4).	531	42,483	MARYLAND (1), OREGON (2), AND WASHINGTON (1)
GROUNDFISH ROE (1), LUMPFISH CAVIAR (1), AND STURGEON CAVIAR (1)	6,861	846,007	MASSACHUSETTS (1) AND NEW YORK (2)
SALMON CAVIAR (3)	4,820	262,700	NEW YORK (3)
WHITEFISH CAVIAR (4).	2,026	109,114	NEW YORK (3) AND WISCONSIN (1)
TOTAL EDIBLE ROE AND CAVIAR (23)	52,414	1,735,897	
SALMON EGGS FOR BAIT (7). . . .	18,386	912,372	WASHINGTON (7)
GRAND TOTAL (30)	70,800	2,648,269	

NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZE CASES CONVERTED TO THE EQUIVALENT OF 48 CANS, EACH CONTAINING 16 OUNCES.

PACK OF FISH ROE AND CAVIAR, BY STATES, 1959

STATE AND NUMBER OF PLANTS	STANDARD CASES	VALUE
MASSACHUSETTS (1) AND NEW YORK (3).	13,115	$1,182,199
MARYLAND (1) AND VIRGINIA (9)	26,366	333,583
NORTH CAROLINA (5).	11,816	142,640
WASHINGTON (8).	18,418	915,081
OREGON (2) AND WISCONSIN (1).	1,085	74,766
TOTAL (30)	70,800	2,648,269

PACK OF CRABMEAT, 1959

STATE AND NUMBER OF PLANTS	SPECIES	STANDARD CASES	VALUE
ATLANTIC AND GULF STATES:			
MAINE (1), NORTH CAROLINA (1), SOUTH CAROLINA (1), ALABAMA (2), MISSISSIPPI (1), AND LOUISIANA (2).	BLUE	1/40,999	$833,715
PACIFIC STATES:			
WASHINGTON (11)	DUNGENESS	2/29,149	693,554
OREGON (3) AND CALIFORNIA (1)	DUNGENESS	2/ 9,835	244,136
ALASKA (10)	DUNGENESS	15,591	339,382
ALASKA (5).	KING	55,316	1,437,890
TOTAL (30)		109,891	2,714,962
GRAND TOTAL (38)		150,890	3,548,677

CAN CONTENTS AND CASE SIZE	ACTUAL CASES	VALUE
3-1/4 OUNCES NET (48 CANS)	6,359	$65,253
6-1/2 OUNCES NET (24 CANS)	171,395	1,978,718
6-1/2 OUNCES NET (48 CANS)	37,154	906,562
13 OUNCES NET (24 CANS). .	17,275	429,996
OTHER SIZES CONVERTED TO STANDARD CASES.	7,582	168,148
TOTAL	239,765	3,548,677

1/ INCLUDES A SMALL QUANTITY OF ROCK CRABS PACKED IN MAINE.

2/ INCLUDES A SMALL QUANTITY OF SMOKED DUNGENESS CRABS.

NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZE CASES CONVERTED TO THE EQUIVALENT OF FORTY-EIGHT CANS TO THE CASE, EACH CONTAINING 6-1/2 OUNCES.

PACK OF CLAMS AND CLAM PRODUCTS, 1959

SPECIES, STATE, AND NUMBER OF PLANTS	STANDARD CASES					
	WHOLE AND MINCED		CHOWDER AND JUICE		TOTAL	
	CASES	VALUE	CASES	VALUE	CASES	VALUE
SOFT CLAMS: MAINE (6)	9,904	$178,688	21,585	$124,606	31,489	$303,294
RAZOR CLAMS:						
WASHINGTON (4), OREGON (3).	4,405	82,878	-	-	4,405	82,878
ALASKA (7).	21,001	445,692	-	-	21,001	445,692
TOTAL RAZOR CLAMS (14) .	25,406	528,570	-	-	25,406	528,570
HARD CLAMS: 1/						
MAINE (2), MASSACHUSETTS (1), RHODE ISLAND (1), CONNECTICUT (1), NEW YORK (2), NEW JERSEY (5), PENNSYLVANIA (2), DELAWARE (1) MARYLAND (1), NORTH CAROLINA (1)	722,867	4,592,576	1,149,704	7,671,506	1,872,571	12,264,082
WASHINGTON (5), CALIFORNIA (1).	21,354	122,179	11,206	72,703	32,560	194,882
TOTAL HARD CLAMS (23). .	744,221	4,714,755	1,160,910	7,744,209	1,905,131	12,458,964
GRAND TOTAL (41)	779,531	5,422,013	1,182,495	7,868,815	1,962,026	13,290,828

1/ INCLUDES SURF AND PISMO CLAMS. 2/ EXCLUSIVE OF DUPLICATION.

NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZE CASES CONVERTED TO THE EQUIVALENT OF 48 NO. 1 PICNIC CANS, EACH CAN OF WHOLE OR MINCED CLAMS CONTAINING 5 OUNCES OF MEAT, DRAINED WEIGHT; AND EACH CAN OF CHOWDER, JUICE, BROTH, BOUILLON, OR NECTAR, 10 OUNCES NET CONTENT. THE PACK OF CLAMS CANNED IN THE SHELL IS NOT INCLUDED IN THIS TABLE.

CLAM PRODUCTION, BY TYPE OF PACK, 1959

PRODUCT AND NUMBER OF PLANTS	STANDARD CASES	POUNDS	VALUE
WHOLE CLAMS (14).	18,766	281,490	$288,562
MINCED CLAMS (24)	760,765	11,411,475	5,133,451
CHOWDER (17).	1,117,200	33,516,000	7,390,436
CLAM JUICE (10)	65,295	1,958,850	478,379
TOTAL (41)	1,962,026	47,167,815	13,290,828

PACK OF OYSTERS, 1959

STATE AND NUMBER OF PLANTS	STANDARD CASES	VALUE
ATLANTIC AND GULF STATES:		
NEW JERSEY (1), SOUTH CAROLINA (2), AND GEORGIA (1).	56,428	$685,750
MISSISSIPPI (8)	23,082	359,068
LOUISIANA (11).	216,356	3,110,483
TOTAL (23)	295,866	4,155,301
PACIFIC STATES:		
WASHINGTON (4) AND OREGON (1)	125,251	1,565,617
GRAND TOTAL (28)	421,117	5,720,918

CAN CONTENTS AND CASE SIZE	ACTUAL CASES	VALUE
ATLANTIC AND GULF STATES:		
4-2/3 OUNCES (24 CANS). . . .	525,034	$3,709,207
6-1/2 OUNCES (24 CANS). . . .	35,657	292,594
OTHER SIZES CONVERTED TO STANDARD CASES	8,514	153,500
TOTAL.	569,205	4,155,301
PACIFIC STATES:		
4-2/3 OUNCES (24 CANS). . . .	114,109	759,081
6-1/2 OUNCES (24 CANS). . . .	89,717	735,870
OTHER SIZES CONVERTED TO STANDARD CASES	6,289	70,666
TOTAL.	210,115	1,565,617
GRAND TOTAL.	779,320	5,720,918

NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZE CASES CONVERTED TO THE EQUIVALENT OF FORTY-EIGHT CANS TO THE CASE, EACH CAN CONTAINING 4-2/3 OUNCES DRAINED WEIGHT.

PACK OF SHRIMP, 1959

STATE AND NUMBER OF PLANTS	STANDARD CASES	VALUE
ATLANTIC AND GULF STATES:		
GEORGIA (1), ALABAMA (2), AND TEXAS (1)	53,098	$961,403
MISSISSIPPI (9)	193,836	3,873,529
LOUISIANA (19)	506,072	9,385,854
TOTAL (32)	753,006	14,220,786
PACIFIC STATES:		
WASHINGTON (3) AND OREGON (2)	64,817	1,041,389
ALASKA (9)	104,327	1,686,295
TOTAL (14)	169,144	2,727,684
GRAND TOTAL (46)	922,150	16,948,470

CAN CONTENTS AND CASE SIZE	ACTUAL CASES	VALUE
ATLANTIC AND GULF STATES:		
4-1/2 OUNCES (24 CANS)	1,002,608	$9,171,328
5-OUNCES (24 CANS)	492,083	4,067,673
OTHER SIZES CONVERTED TO STANDARD CASES	55,791	981,785
TOTAL	1,550,482	14,220,786
PACIFIC STATES:		
4-1/2 OUNCES (24 CANS)	368,381	2,671,923
OTHER SIZES CONVERTED TO STANDARD CASES	3,374	55,761
TOTAL	371,755	2,727,684
GRAND TOTAL	1,922,237	16,948,470

NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZE CASES CONVERTED TO THE EQUIVALENT OF FORTY-EIGHT CANS TO THE CASE, EACH CAN CONTAINING 5 OUNCES. THE PACK OF SHRIMP WAS A WET PACK WITH THE EXCEPTION OF SMALL QUANTITIES IN LOUISIANA AND TEXAS THAT WERE PACKED DRY.

PACK OF MISCELLANEOUS FISHERY PRODUCTS, 1959

PRODUCT	STANDARD CASES	VALUE	LOCATION AND NUMBER OF PLANTS
FISH:			
CAKES (PRINCIPALLY GROUNDFISH)	91,500	$1,238,350	MAINE (1), MASSACHUSETTS (1), NEW JERSEY (1), VIRGINIA (1), WASHINGTON (1)
FLAKES (PRINCIPALLY GROUNDFISH, PASTE AND SPREAD)	12,450	340,171	MAINE (2), MASSACHUSETTS (1), NEW YORK (3), MARYLAND (1)
GEFILTE FISH	246,100	4,371,467	NEW YORK (2), NEW JERSEY (3)
SMOKED OR KIPPERED:			
SALMON	1,402	99,283	WASHINGTON (6), OREGON (2), CALIFORNIA (1), ALASKA (7)
STURGEON AND SHAD	609	39,296	WASHINGTON (5), OREGON (4)
TUNA SPECIALTIES (WITH NOODLES, SHERRY, BEANS, AND CREAMED SAUCE; AND TUNA SAUSAGES)	78,182	1,508,629	MAINE (1), MARYLAND (1), CALIFORNIA (5)
OTHER SPECIALTIES (SALTED COD, PACIFIC HERRING IN TOMATO SAUCE, ATLANTIC MACKEREL, SALMON LIVERS, SPEARFISH, WAHOO, CREAMED FINNAN HADDIE, FISH CHOWDER, AND HORS D'OEUVRES)	53,850	667,896	MAINE (2), MASSACHUSETTS (1), NEW JERSEY (1), VIRGINIA (1), WASHINGTON (1), CALIFORNIA (1), AMERICAN SAMOA (1)
TOTAL FISH	484,093	8,265,092	
SHELLFISH:			
CRAB SPECIALTIES (DEVILED, SOFT SHELL, SPREAD, NEWBURG, BISQUE, AND SOUP)	5,694	78,738	MAINE (1), NEW JERSEY (1), MARYLAND (2), SOUTH CAROLINA (1)
LOBSTER SPECIALTIES (MEAT, SPREAD, DIP, SOUPS AND STEWS)	7,685	236,102	MAINE (1), MASSACHUSETTS (1), NEW JERSEY (3), MARYLAND (1)
SHRIMP SPECIALTIES (DIP, SOUPS AND STEWS)	3,710	50,947	MAINE (1), NEW JERSEY (2), MARYLAND (2), LOUISIANA (2)
CLAM SPECIALTIES (CAKES, DIP, SPREAD, SAUCE, IN SHELL, SMOKED, BISQUE AND STEW)	19,118	349,126	MAINE (2), CONNECTICUT (1), PENNSYLVANIA (1), MARYLAND (1), WASHINGTON (2)
CONCH MEAT AND CHOWDER	5,833	176,550	NEW YORK (1), NEW JERSEY (1), DELAWARE (1), WEST COAST OF FLORIDA (1)
OYSTER SPECIALTIES:			
SMOKED	1,554	147,947	WASHINGTON (6)
STEW	143,767	1,736,797	NEW JERSEY (1), SOUTH CAROLINA (1), WASHINGTON (4), OREGON (1)
BISQUE AND SOUP	1,837	17,255	NEW JERSEY (1), MARYLAND (1), WASHINGTON (1)
SQUID	323,030	1,378,344	NEW YORK (1), NEW JERSEY (1), CALIFORNIA (10)
TERRAPIN AND TURTLE (MEAT, SOUPS, AND STEWS)	15,037	244,216	NEW JERSEY (1), PENNSYLVANIA (1), OHIO (1), WEST COAST OF FLORIDA (1), LOUISIANA (1)
OTHER SPECIALTIES (CRAWFISH, BISQUE, SMOKED MUSSELS IN OIL, FROG LEGS IN SAUCE, MISCELLANEOUS SOUPS AND STEWS)	2,107	47,382	MAINE (1), NEW JERSEY (1), LOUISIANA (3)
TOTAL SHELLFISH	529,372	4,463,404	
GRAND TOTAL	1,013,465	12,728,496	

NOTE:--"STANDARD CASES" REPRESENT THE VARIOUS SIZE CASES CONVERTED TO THE EQUIVALENT OF FORTY-EIGHT CANS, EACH CONTAINING 16 OUNCES NET WEIGHT.

NUMBER OF PLANTS PRODUCING FISHERY BYPRODUCTS, 1959

PRODUCT	ATLANTIC AND GULF COASTS 1/	PACIFIC COAST AND TERRITORIES 2/	TOTAL
	NUMBER	NUMBER	NUMBER
MEAL AND SCRAP, DRIED:			
ANCHOVY	-	1	1
ALEWIFE	2	-	2
CRAB:			
BLUE	19	-	19
DUNGENESS	-	2	2
FUR SEAL	-	1	1
GROUNDFISH (INCLUDING OCEAN PERCH)	4	-	4
HERRING	7	8	15
HORSESHOE CRAB	1	-	1
MENHADEN	36	-	36
SARDINE (PACIFIC)	-	11	11
SALMON	-	1	1
SHRIMP	26	2	28
TUNA AND MACKEREL	-	24	24
WHALE	-	2	2
UNCLASSIFIED	25	9	34
OIL, BODY:			
ANCHOVY	-	1	1
ALEWIFE	3	-	3
FUR SEAL	-	1	1
GROUNDFISH (INCLUDING OCEAN PERCH)	3	-	3
HERRING	2	8	10
MENHADEN	35	-	35
SARDINE (PACIFIC)	-	13	13
SALMON:			
EDIBLE	-	2	2
INDUSTRIAL	-	2	2
TUNA AND MACKEREL	-	22	22
WHALE	-	2	2
UNCLASSIFIED	10	7	17
OIL, LIVER AND VISCERA:			
HALIBUT	1	-	1
SHARK	1	2	3
UNCLASSIFIED	1	1	2
MUSSEL-SHELL PRODUCTS (FRESH-WATER):			
BUTTONS	10	-	10
CRUSHED SHELL FOR POULTRY FEED	4	-	4
LIME AND SHELLS	5	-	5
OYSTER-SHELL PRODUCTS:			
CRUSHED SHELL FOR POULTRY FEED	5	6	11
SHELL LIME:			
BURNED	2	-	2
UNBURNED	8	5	13
MARINE PEARL-SHELL BUTTONS:	16	-	16
AGAR-AGAR	-	1	1
FISH SOLUBLES AND HOMOGENIZED-CONDENSED FISH	38	14	52
GLUE	1	-	1
IRISH MOSS EXTRACTIVES	4	-	4
KELP PRODUCTS	1	2	3
LIQUID FERTILIZER	-	2	2
PEARL ESSENCE	4	-	4
TOTAL, EXCLUSIVE OF DUPLICATION	152	60	212

1/ INCLUDES FIRMS IN THE GREAT LAKES AND MISSISSIPPI STATES.

2/ INCLUDES HAWAII, AMERICAN SAMOA, AND PUERTO RICO.

PRODUCTION OF MARINE-ANIMAL SCRAP AND MEAL, 1959

PRODUCT	ATLANTIC AND GULF COASTS		PACIFIC COAST AND TERRITORIES		TOTAL	
	TONS	VALUE	TONS	VALUE	TONS	VALUE
DRIED SCRAP AND MEAL:						
CRAB.	1/9,206	1/$444,462	(1)	(1)	9,206	$444,462
FUR SEAL.	-	-	330	$25,787	330	25,787
HERRING	3,519	426,426	8,444	1,162,811	11,963	1,589,237
MENHADEN.	223,893	26,391,987	-	-	223,893	26,391,987
SARDINE, PACIFIC. . .	-	-	2,927	323,999	2,927	323,999
SHRIMP.	1/627	1/38,657	(1)	(1)	627	38,657
TUNA AND MACKEREL . .	-	-	25,380	2,847,204	25,380	2,847,204
WHALE	-	-	1,881	263,374	1,881	263,374
UNCLASSIFIED.	2/26,576	2/3,551,968	3/3,768	3/449,190	30,344	4,001,158
TOTAL.	263,821	30,853,500	42,730	5,072,365	306,551	35,925,865

1/ A SMALL WEST COAST PRODUCTION IS INCLUDED WITH THE EAST COAST PRODUCTION.

2/ INCLUDES A SMALL PRODUCTION OF MEAL AND SCRAP FROM ALEWIVES, GROUNDFISH, OCEAN PERCH, AND HORSESHOE CRAB.

3/ INCLUDES A SMALL PRODUCTION OF MEAL AND SCRAP FROM ANCHOVIES, SALMON, AND BOTTOMFISH.

PRODUCTION OF MARINE-ANIMAL OIL, 1959

PRODUCT	ATLANTIC AND GULF COASTS		PACIFIC COAST		TOTAL	
	GALLONS	VALUE	GALLONS	VALUE	GALLONS	VALUE
BODY OIL:						
ALEWIFE	40,945	$21,856	-	-	40,945	$21,856
FUR SEAL.	-	-	39,307	$17,688	39,307	17,688
HERRING	180,900	71,950	1,819,648	917,044	2,000,548	988,994
MENHADEN.	20,628,278	10,743,781	-	-	20,628,278	10,743,781
SARDINE, PACIFIC. . .	-	-	187,938	91,691	187,938	91,691
SALMON.	-	-	43,943	50,215	43,943	50,215
TUNA AND MACKEREL . .	-	-	601,010	190,938	601,010	190,938
WHALE (INCLUDES SPERM)	-	-	521,329	264,906	521,329	264,906
UNCLASSIFIED.	1/716,981	1/347,017	2/164,703	2/74,387	881,684	421,404
TOTAL.	21,567,104	11,184,604	3,377,878	1,606,869	24,944,982	12,791,473
LIVER AND VISCERA OIL:						
SHARK	(3)	(3)	3/22,193	3/224,347	22,193	224,347
UNCLASSIFIED 4/ . . .	(3)	(3)	3/10,680	3/76,156	10,680	76,156
TOTAL.	(3)	(3)	3/32,873	3/300,503	32,873	300,503
GRAND TOTAL. . . .	21,567,104	11,184,604	3,410,751	1,907,372	24,977,855	13,091,976

1/ INCLUDES GROUNDFISH AND OCEAN PERCH OILS.

2/ INCLUDES BOTTOMFISH AND ANCHOVY OILS.

3/ EAST COAST PRODUCTION INCLUDED WITH THE WEST COAST PRODUCTION.

4/ INCLUDES LIVER AND VISCERA OIL FROM HALIBUT, LINGCOD, SABLEFISH, SALMON, SHARKS, AND TUNA.

PRODUCTION OF FISH SOLUBLES AND HOMOGENIZED-CONDENSED FISH, 1959

PRODUCT, STATE, AND NUMBER OF PLANTS	POUNDS	VALUE
FISH SOLUBLES:		
MAINE (3), MASSACHUSETTS (2)	8,508,220	$297,737
NEW YORK (1), NEW JERSEY (3), AND DELAWARE (2) . . .	71,507,040	1,700,970
VIRGINIA (5)	56,496,000	1,413,400
NORTH CAROLINA (5), FLORIDA (3).	22,549,840	669,524
MISSISSIPPI (4).	17,340,620	606,922
LOUISIANA (5), TEXAS (2)	47,347,720	1,420,400
CALIFORNIA (8), OREGON (1), AND ALASKA (5)	49,573,987	1,878,058
TOTAL (49).	273,323,427	7,987,011
HOMOGENIZED-CONDENSED FISH:		
MASSACHUSETTS (2), RHODE ISLAND (1).	57,394,000	2,056,040
GRAND TOTAL (52).	330,717,427	10,043,051

NOTE:--INCLUDES MENHADEN SOLUBLES.

MENHADEN USED FOR REDUCTION, BY STATES, 1959

STATE	MENHADEN UTILIZED	
	POUNDS	NUMBER OF FISH
MASSACHUSETTS, RHODE ISLAND, NEW YORK, NEW JERSEY, AND DELAWARE	703,610,270	1,050,164,582
VIRGINIA	404,404,630	603,589,000
NORTH CAROLINA	283,966,770	423,831,000
SOUTH CAROLINA, FLORIDA, AND TEXAS	185,060,700	276,210,000
MISSISSIPPI	174,082,080	259,824,000
LOUISIANA	442,740,020	660,806,000
TOTAL	2,193,864,470	3,274,424,582

NOTE:--INCLUDES SMALL QUANTITIES OF OTHER SPECIES.

PRODUCTION OF MENHADEN PRODUCTS, 1959

STATE AND NUMBER OF PLANTS	DRY SCRAP AND MEAL		OIL		SOLUBLES		TOTAL
	TONS	VALUE	GALLONS	VALUE	POUNDS	VALUE	VALUE
MASSACHUSETTS (2), RHODE ISLAND (1), NEW YORK (1), NEW JERSEY (3), AND DELAWARE (2)	69,204	$7,889,688	7,623,328	$3,717,540	72,980,330	$1,756,218	$13,363,446
VIRGINIA (5)	42,407	4,920,909	1,128,100	620,725	55,940,000	1,399,450	6,941,084
NORTH CAROLINA (10)	29,664	3,317,176	2,989,352	1,552,984	19,353,940	605,846	5,476,006
SOUTH CAROLINA (1), FLORIDA (3), AND TEXAS (2)	19,769	2,364,571	1,429,865	778,203	11,889,210	389,677	3,532,451
MISSISSIPPI (5)	16,831	2,103,875	1,865,267	1,016,571	17,340,620	606,922	3,727,368
LOUISIANA (5)	46,018	5,795,768	5,592,366	3,057,758	38,654,410	1,094,401	9,947,927
TOTAL (40)	223,893	26,391,987	20,628,278	10,743,781	216,158,510	5,852,514	42,988,282

NOTE:--INCLUDES SMALL QUANTITIES OF OTHER SPECIES.

PRODUCTION OF OYSTER-SHELL PRODUCTS, 1959

("LIVE" OR REEF SHELLS)

STATE AND NUMBER OF PLANTS	POULTRY GRIT		LIME, BURNED AND UNBURNED		TOTAL	
	TONS	VALUE	TONS	VALUE	TONS	VALUE
NEW JERSEY (1), PENNSYLVANIA (1), MARYLAND (1), AND VIRGINIA (3)	3,450	$69,775	10,381	$177,128	13,831	$246,903
NORTH CAROLINA (1), FLORIDA (1), ALABAMA (1), AND TEXAS (2)	361,803	4,371,308	794	6,167	362,597	4,377,475
WASHINGTON (3), OREGON (1), AND CALIFORNIA (2)	21,112	293,711	1,798	19,093	22,910	312,804
TOTAL (17)	386,365	4,734,794	12,973	202,388	399,338	4,937,182

NOTE:--A QUANTITY OF BURNED LIME WAS PRODUCED IN VIRGINIA.

PRODUCTION OF FRESH-WATER MUSSEL-SHELL PRODUCTS, 1959

STATE AND NUMBER OF PLANTS	BUTTONS		LIME, POULTRY GRIT, AND SHELLS		TOTAL
	GROSS	VALUE	TONS	VALUE	VALUE
IOWA (8), PENNSYLVANIS (1), MISSOURI (1), NEW YORK (1), ILLINOIS (1)	1,052,086	$1,146,373	10,535	$74,769	$1,221,142

NOTE:--THE LIME, POULTRY GRIT AND SHELLS WERE PRODUCED IN IOWA.

PRODUCTION OF MARINE PEARL-SHELL BUTTONS, 1959

STATE AND NUMBER OF PLANTS	GROSS	VALUE
CONNECTICUT (1), NEW YORK (2)	704,363	$1,180,137
NEW JERSEY (8)	446,586	1,272,457
PENNSYLVANIA (1), DELAWARE (1), MARYLAND (2), IOWA (1)	567,145	713,596
TOTAL (16)	1,718,094	3,166,190

PRODUCTION OF MISCELLANEOUS BYPRODUCTS, 1959

PRODUCT	STATE AND NUMBER OF PLANTS	TOTAL VALUE
AGAR-AGAR	CALIFORNIA (1)	$13,830,120
GLUE	MASSACHUSETTS (1)	
IRISH MOSS (EXTRACT)	MAINE (2), MASSACHUSETTS (1), AND NEW JERSEY (1)	
KELP PRODUCTS	CALIFORNIA (2) AND MAINE (1)	
LIQUID FERTILIZER	OREGON (1) AND WASHINGTON (1)	
PEARL ESSENCE	MAINE (4)	

PACKAGED FISH

The production of fresh and frozen packaged fish fillets and steaks in the continental United States during 1959 totaled 147.2 million pounds with a value of 46.2 million dollars to initial processors. Compared with the previous year, this represented a decrease of 8.6 million pounds or 6 percent in volume and 5.1 million dollars or 10 percent in value. It was estimated round fish weighing 431.0 million pounds were required for the 1959 production of packaged fillets and steaks.

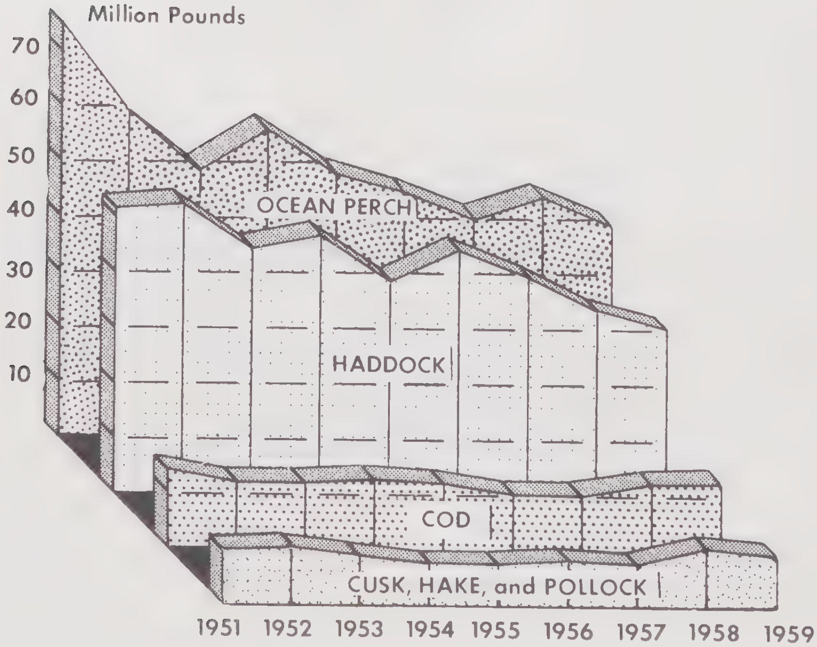
Atlantic ocean perch fillets (38.7 million pounds) and haddock fillets (30.6 million pounds) were the leading items and accounted for 47 percent of the total volume and 42 percent of the total value. Other leading items filleted and steaked were flounders, cod, pollock, and halibut which made up 36 percent of the total quantity and 39 percent of the total value. The greatest production of packaged fish occurred in the New England area which accounted for 69 percent of the volume and 61 percent of the value.

The data in this section cannot be correlated directly with information in the section on Manufactured Fishery Products as that section contains a small production in Alaska which is not included in the following tables. Preliminary data on the production of packaged fish during 1959 were published in Current Fishery Statistics No. 2257.

* * *

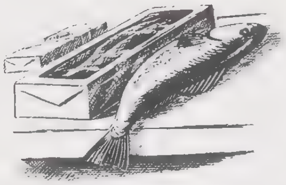
U. S. PRODUCTION OF GROUNDFISH FILLETS

1951 - 1959



SUMMARY OF PRODUCTION OF PACKAGED FISH, 1959

ITEM	FILLETS		STEAKS		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FRESH.	53,495,604	$19,716,350	136,228	$57,949	53,631,832	$19,774,299
FROZEN	84,212,626	21,908,921	9,392,564	4,486,968	93,605,190	26,395,889
TOTAL	137,708,230	41,625,271	9,528,792	4,544,917	147,237,022	46,170,188



PRODUCTION OF PACKAGED FISH, BY SECTIONS, 1959

SPECIES	NEW ENGLAND		MIDDLE ATLANTIC		CHESAPEAKE, SOUTH ATLANTIC, AND GULF	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
COD.	5,801,569	$1,528,308	2,917,430	$1,161,699	-	-
CUSK	362,121	111,673	-	-	-	-
FLOUNDERS.	12,183,315	4,621,303	3,509,486	2,108,390	20,900	$9,250
GROUPER.	-	-	-	-	329,714	140,147
HADDOCK.	29,498,644	9,706,923	1,114,700	435,750	-	-
HAKE	397,297	107,893	28,500	9,090	-	-
HALIBUT.	892,899	371,884	-	-	-	-
MACKEREL	55,515	18,354	-	-	-	-
OCEAN PERCH, ATLANTIC. . . .	38,749,081	9,434,907	-	-	-	-
POLLOCK.	8,392,385	1,374,913	7,400	1,962	-	-
SALMON	94,200	62,192	-	-	-	-
SEA TROUT.	-	-	-	-	5,625	2,560
SNAPPER, RED	-	-	-	-	99,495	72,943
SPANISH MACKEREL	-	-	-	-	931,783	272,634
SWORDFISH.	132,894	70,654	-	-	-	-
WHITING.	4,642,048	806,239	-	-	-	-
WOLFFISH	208,451	64,767	-	-	-	-
MISCELLANEOUS 1/	108,765	16,698	4,500	2,190	220,765	106,180
TOTAL	101,519,184	28,296,708	7,582,016	3,719,081	1,608,282	603,714

SPECIES	GREAT LAKES		PACIFIC COAST	
	POUNDS	VALUE	POUNDS	VALUE
BLUE PIKE.	30,990	$24,522	-	-
COD.	-	-	3,863,980	$862,198
FLOUNDERS.	-	-	8,672,732	3,000,670
HALIBUT.	67,800	30,990	6,325,518	2,755,627
HERRING, LAKE.	84,976	23,652	-	-
LAKE TROUT	145,910	119,316	-	-
LINGCOD.	-	-	1,880,515	404,116
OCEAN PERCH, PACIFIC	-	-	3,014,121	736,087
ROCKFISHES	-	-	3,878,834	795,365
SALMON	19,000	11,170	1,516,354	1,024,306
SAUGER	827,667	648,673	-	-
SWORDFISH.	22,500	11,850	698,350	386,028
WHITE BASS	21,316	9,630	-	-
WHITEFISH.	610,049	395,728	-	-
YELLOW PERCH	3,828,210	1,508,374	-	-
YELLOW PIKE.	920,363	762,130	-	-
MISCELLANEOUS 1/	80,000	33,500	18,355	6,753
TOTAL	6,658,781	3,579,535	29,868,759	9,971,150

1/ INCLUDES BLUEFISH, RED AND BLACK DRUM, KING WHITING, OCEAN POUT, PIKE OR PICKEREL, POMPANO, SABLEFISH, SCUP, SEA BASS, STRIPED BASS, WARSAW, AND UNCLASSIFIED SPECIES.

PRODUCTION OF PACKAGED FISH, BY METHOD OF PREPARATION, 1959

SPECIES	FILLETS			
	FRESH		FROZEN	
	POUNDS	VALUE	POUNDS	VALUE
BLUE PIKE	15,940	$12,974	15,050	$11,548
COD	8,023,553	2,452,674	4,526,116	1,089,381
CUSK	316,540	99,880	45,581	11,793
FLOUNDERS	16,005,138	6,939,813	8,381,295	2,799,800
GROUPERS	158,517	72,245	81,559	35,957
HADDOCK	16,733,883	5,911,288	13,879,461	4,231,385
HAKE	425,797	116,983	-	-
HALIBUT	-	-	475,165	239,970
HERRING, LAKE	63,204	17,653	21,772	5,999
LAKE TROUT	109,104	91,838	36,806	27,478
LINGCOD	709,475	144,849	1,171,040	259,267
MACKEREL	12,115	4,134	43,400	14,220
OCEAN PERCH:				
ATLANTIC	706,697	187,115	38,042,384	9,247,792
PACIFIC	416,094	86,070	2,598,027	650,017
POLLOCK	2,049,292	396,477	6,350,493	980,398
ROCKFISHES	2,827,385	559,947	1,051,449	235,418
SALMON	-	-	61,481	44,560
SAUGER	590,642	475,297	237,025	173,376
SEA TROUT	-	-	5,625	2,560
SNAPPER, RED	31,465	22,790	35,730	30,193
SPANISH MACKEREL	30,000	11,400	901,783	261,234
WHITE BASS	17,316	8,180	4,000	1,450
WHITEFISH	462,573	314,316	147,476	81,412
WHITING	13,108	2,408	4,628,940	803,831
WOLFFISH	10,373	3,630	198,078	61,137
YELLOW PERCH	3,026,747	1,200,403	801,463	307,971
YELLOW PIKE	611,746	512,260	308,617	249,870
MISCELLANEOUS	128,900	71,726	162,810	50,904
TOTAL	53,495,604	19,716,350	84,212,626	21,908,921

SPECIES	STEAKS				TOTAL	
	FRESH		FROZEN			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUE PIKE	-	-	-	-	30,990	$24,522
COD	-	-	33,310	$10,150	12,582,979	3,552,205
CUSK	-	-	-	-	362,121	111,673
FLOUNDERS	-	-	-	-	24,386,433	9,739,613
GROUPERS	88,438	$31,345	1,200	600	329,714	140,147
HADDOCK	-	-	-	-	30,613,344	10,142,673
HAKE	-	-	-	-	425,797	116,983
HALIBUT	-	-	6,811,052	2,918,531	7,286,217	3,158,501
HERRING, LAKE	-	-	-	-	84,976	23,652
LAKE TROUT	-	-	-	-	145,910	119,316
LINGCOD	-	-	-	-	1,880,515	404,116
MACKEREL	-	-	-	-	55,515	18,354
OCEAN PERCH:						
ATLANTIC	-	-	-	-	38,749,081	9,434,907
PACIFIC	-	-	-	-	3,014,121	736,087
POLLOCK	-	-	-	-	8,399,785	1,376,875
ROCKFISHES	-	-	-	-	3,878,834	795,365
SALMON	-	-	1,568,073	1,053,108	1,629,554	1,097,668
SAUGER	-	-	-	-	827,667	648,673
SEA TROUT	-	-	-	-	5,625	2,560
SNAPPER, RED	25,990	15,884	6,310	4,076	99,495	72,943
SPANISH MACKEREL	-	-	-	-	931,783	272,634
SWORDFISH	-	-	853,744	468,532	853,744	468,532
WHITE BASS	-	-	-	-	21,316	9,630
WHITEFISH	-	-	-	-	610,049	395,728
WHITING	-	-	-	-	4,642,048	806,239
WOLFFISH	-	-	-	-	208,451	64,767
YELLOW PERCH	-	-	-	-	3,828,210	1,508,374
YELLOW PIKE	-	-	-	-	920,363	762,130
MISCELLANEOUS	21,800	10,720	118,875	31,971	[1] 432,385	165,321
TOTAL	136,228	57,949	9,392,564	4,486,968	147,237,022	46,170,188

[1] INCLUDES BLUEFISH, RED AND BLACK DRUM, KING WHITING, OCEAN POUT, PIKE OR PICKEREL, POMPANO, SABLEFISH, SCUP, SEA BASS, STRIPED BASS, WARSAW, AND UNCLASSIFIED SPECIES.

PRODUCTION OF FISH STICKS, 1959

MONTH	COOKED	RAW	TOTAL
	THOUSAND POUNDS	THOUSAND POUNDS	THOUSAND POUNDS
JANUARY	5,729	548	6,277
FEBRUARY	5,796	556	6,352
MARCH	5,142	462	5,604
APRIL	4,351	366	4,717
MAY	4,093	314	4,407
JUNE	4,292	291	4,583
JULY	3,484	306	3,790
AUGUST	3,567	312	3,879
SEPTEMBER	4,762	591	5,353
OCTOBER	5,445	397	5,842
NOVEMBER	4,506	325	4,831
DECEMBER	4,415	328	4,743
TOTAL	55,582	4,796	60,378
TOTAL VALUE - YEAR (THOUSANDS OF DOLLARS)	26,730	1,881	28,611

PRODUCTION OF FISH PORTIONS, 1959

MONTH	BREADED			UNBREADED	TOTAL
	COOKED	RAW	TOTAL		
	THOUSAND POUNDS	THOUSAND POUNDS	THOUSAND POUNDS	THOUSAND POUNDS	THOUSAND POUNDS
JANUARY	577	1,959	2,536	156	2,692
FEBRUARY	571	2,329	2,900	125	3,025
MARCH	529	2,315	2,844	381	3,225
APRIL	399	2,018	2,417	217	2,634
MAY	228	2,199	2,427	257	2,684
JUNE	323	2,694	3,017	230	3,247
JULY	216	1,884	2,100	127	2,227
AUGUST	287	2,333	2,620	176	2,796
SEPTEMBER	592	2,783	3,375	183	3,558
OCTOBER	567	3,569	4,136	178	4,314
NOVEMBER	522	2,775	3,297	186	3,483
DECEMBER	795	2,237	3,032	230	3,262
TOTAL	5,606	29,095	34,701	2,446	37,147
TOTAL VALUE - YEAR (THOUSANDS OF DOLLARS)	2,541	9,555	12,096	1,042	13,138

PRODUCTION OF CONSUMER PACKAGES OF CERTAIN SEAFOODS, 1956 - 1959

ITEM	1959	1958	1957	1956
	POUNDS	POUNDS	POUNDS	POUNDS
FILLETS AND STEAKS (RAW, NOT BREADED)	53,346,062	58,911,770	47,265,565	55,645,594
SHRIMP:				
NOT BREADED	10,774,133	9,496,360	8,754,963	10,078,441
BREADED	43,555,459	38,453,047	33,035,577	31,175,637
SCALLOPS, NOT BREADED AND BREADED	8,926,018	6,159,337	6,739,598	5,850,401
OYSTERS, NOT BREADED AND BREADED	3,420,881	2,094,442	1,794,185	2,551,109
TOTAL	120,022,553	115,114,956	97,589,888	105,301,182

NOTE:--THESE DATA INCLUDE THE DOMESTIC PRODUCTION OF THE ABOVE MENTIONED ITEMS FROZEN IN CONSUMER PACKAGES OF 2 POUNDS OR LESS EACH.

FROZEN FISHERY TRADE

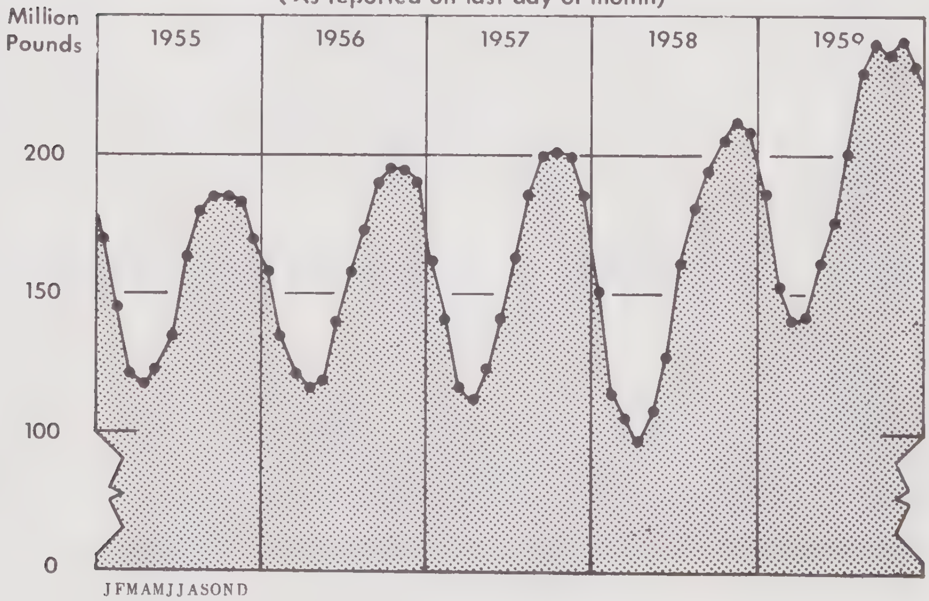
The 1959 production of frozen fish and shellfish by approximately 281 domestic freezing plants reporting to the Bureau of Commercial Fisheries totaled 336.6 million pounds. Leading products frozen were: shrimp, 98.4 million pounds; fish blocks, fillets and steaks, consisting mostly of ocean perch and haddock, 57.2 million pounds; bait and animal food, 54.3 million pounds; headed and gutted whiting, 37.7 million pounds; and dressed halibut, 34.6 million pounds. These items accounted for 84 percent of the total freezings of fish and shellfish products. It is estimated that a catch of approximately 550.8 million pounds of fish and shellfish was needed to produce the 336.6 million pounds of round, dressed, and drawn fish, fish fillets, and packaged shellfish frozen in 1959.

New England led all other areas in freezings with 136.6 million pounds or 41 percent of the total. The South Central area was in second place with 75.6 million pounds. The Pacific was third with 43.8 million pounds, followed by Alaska with 35.3 million pounds and the South Atlantic area with 32.0 million pounds. The Middle Atlantic, North Central East, and North Central West areas accounted for the remaining 13.3 million pounds of frozen fishery products.

Data on the freezings and holdings of fishery products for 1959 were published previously in Current Fishery Statistics No. 2220. The data were also published monthly in the Frozen Fish bulletin of the Current Fishery Statistics series.

HOLDINGS OF FROZEN FISHERY PRODUCTS, 1955 - 1959

(As reported on last day of month)



SUMMARY OF FREEZINGS, BY MONTHS, 1959

(THOUSANDS OF POUNDS)

SPECIES	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE
FISH	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
SALT-WATER:						
BLOCKS	297	102	57	221	127	83
FILLETS AND STEAKS:						
COD	70	20	254	660	385	413
FLOUNDER	57	52	76	438	640	455
HADDOCK	612	459	856	1,791	1,708	1,053
HALIBUT	-	-	-	36	737	349
OCEAN PERCH	1,552	1,534	2,100	1,779	2,652	3,763
POLLOCK	368	46	90	378	121	141
SALMON	-	-	-	15	-	-
WHITING	-	-	-	97	260	348
UNCLASSIFIED	94	27	170	308	221	285
TOTAL FILLETS AND STEAKS	2,753	2,138	3,546	5,502	6,724	6,807
TOTAL BLOCKS, FILLETS, AND STEAKS	3,050	2,240	3,603	5,723	6,851	6,890
ROUND, DRESSED, ETC.:						
HALIBUT	-	-	-	1,545	8,909	9,845
MACKEREL (EXCEPT SPANISH)	5	11	15	25	34	185
SABLEFISH	-	-	-	82	46	90
SALMON:						
CHINOOK OR KING	-	-	-	66	435	1,071
SILVER OR COHO	-	-	-	-	-	33
CHUM OR KETA	-	-	-	-	-	16
OTHER	-	-	-	9	8	13
TOTAL SALMON	-	-	-	75	443	1,133
SMELT	14	-	42	62	25	118
SWORDFISH	-	-	-	17	-	3
TUNA	-	-	-	20	40	87
WHITING, HEADED AND GUTTED	31	65	-	976	3,418	6,141
OTHER (EXCEPT BAIT)	2,130	1,545	1,692	2,108	2,271	2,140
TOTAL SALT-WATER FISH	5,230	3,861	5,352	10,633	22,037	26,632
FRESH-WATER:						
FILLETS AND STEAKS	13	-	-	35	2	2
ROUND, DRESSED, ETC.:						
CHUBS	127	-	-	65	113	30
TROUT	54	65	65	-	76	61
WHITEFISH	13	27	19	21	4	47
OTHER (EXCEPT BAIT)	30	68	88	105	176	114
TOTAL FRESH-WATER FISH	237	160	172	226	371	254
BAIT AND ANIMAL FOOD (SALT AND FRESH-WATER)	2,225	2,106	2,502	3,305	5,268	6,500
SHELLFISH						
CRABS (INCLUDING CRABMEAT)	550	740	543	555	149	55
SPINY LOBSTER (TAILS)	90	31	44	-	-	-
OYSTER MEATS	87	191	189	184	112	36
SCALLOP MEATS	67	25	50	229	297	339
SHRIMP:						
RAW (HEADLESS)	1,857	1,537	1,610	1,553	1,484	2,867
ALL OTHER (INCLUDING BREADED)	2,845	3,197	3,611	3,349	3,231	3,356
TOTAL SHRIMP	4,702	4,734	5,221	4,902	4,715	6,223
SQUID	15	270	276	12	604	452
OTHER	21	24	14	20	120	76
TOTAL SHELLFISH	5,532	6,015	6,337	5,902	5,997	7,181
TOTAL FISH AND SHELLFISH	13,224	12,142	14,363	20,066	33,673	40,567

SEE NOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

SUMMARY OF FREEZINGS, BY MONTHS, 1959 - Continued

(THOUSANDS OF POUNDS)

SPECIES	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
FISH	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
SALT-WATER:							
BLOCKS	84	74	44	54	47	87	1,277
FILLETS AND STEAKS:							
COD	416	345	239	128	141	75	3,146
FLOUNDER	606	533	636	215	228	177	4,113
HADDOCK	1,049	1,429	1,398	360	339	179	11,233
HALIBUT	335	109	46	46	-	-	1,658
OCEAN PERCH	3,118	2,902	3,015	2,057	1,648	1,259	27,379
POLLOCK	145	146	219	478	521	530	3,183
SALMON	9	9	7	2	1	-	43
WHITING	543	415	257	228	201	10	2,359
UNCLASSIFIED	467	422	223	255	229	100	2,801
TOTAL FILLETS AND STEAKS	6,688	6,310	6,040	3,769	3,308	2,330	55,915
TOTAL BLOCKS, FILLETS, AND STEAKS	6,772	6,384	6,084	3,823	3,355	2,417	57,192
ROUND, DRESSED, ETC.:							
HALIBUT	6,329	4,406	2,636	942	2	-	34,614
MACKEREL (EXCEPT SPANISH)	308	86	79	49	38	72	907
SABLEFISH	214	562	872	877	351	7	3,101
SALMON:							
CHINOOK OR KING	880	1,058	462	132	42	-	4,146
SILVER OR COHO	898	1,472	1,296	171	10	-	3,880
CHUM OR KETA	7	11	245	424	391	-	1,094
OTHER	152	302	55	-	-	-	539
TOTAL SALMON	1,937	2,843	2,058	727	443	-	9,659
SMELT	102	4	24	-	2	7	400
SWORDFISH	7	83	16	-	-	-	126
TUNA	257	448	854	273	4	-	1,983
WHITING, HEADED AND GUTTED	10,712	7,578	5,056	2,009	1,562	156	37,704
OTHER (EXCEPT BAIT)	2,919	1,692	2,079	1,470	2,110	1,604	23,760
TOTAL SALT-WATER FISH	29,557	24,086	19,758	10,170	7,867	4,263	169,446
FRESH-WATER:							
FILLETS AND STEAKS	-	94	94	2	-	-	242
ROUND, DRESSED, ETC.:							
CHUBS	68	60	75	37	35	63	673
TROUT	89	74	44	30	25	33	616
WHITEFISH	164	40	38	27	24	23	447
OTHER (EXCEPT BAIT)	208	86	26	64	79	300	1,344
TOTAL FRESH-WATER FISH	529	354	277	160	163	419	3,322
BAIT AND ANIMAL FOOD (SALT AND FRESH-WATER)	6,602	7,986	5,139	4,521	5,314	2,857	54,325
SHELLFISH							
CRABS (INCLUDING CRABMEAT)	113	251	323	351	204	341	4,175
SPINY LOBSTER (TAILS)	-	5	2	73	59	24	328
OYSTER MEATS	2	-	1	97	239	285	1,423
SCALLOP MEATS	338	507	129	137	139	100	2,357
SHRIMP:							
RAW (HEADLESS)	7,062	8,488	8,809	8,785	4,720	2,785	51,557
ALL OTHER (INCLUDING BREADED)	4,182	5,138	5,063	4,762	3,790	4,295	46,819
TOTAL SHRIMP	11,244	13,626	13,872	13,547	8,510	7,080	98,376
SQUID	432	100	5	80	60	20	2,326
OTHER	27	62	53	49	50	8	524
TOTAL SHELLFISH	12,156	14,551	14,385	14,334	9,261	7,858	109,509
TOTAL FISH AND SHELLFISH	48,844	46,977	39,559	29,185	22,605	15,397	336,602

NOTE:--PRODUCTION OF FISH FROZEN ON UNITED STATES FISHING OR TRANSPORTING CRAFT IS NOT INCLUDED IN THIS REPORT.

SUMMARY OF FREEZINGS, BY SECTIONS, 1959

(THOUSANDS OF POUNDS)

SPECIES	NEW ENGLAND	MIDDLE ATLANTIC	SOUTH ATLANTIC	NORTH CENTRAL, EAST	NORTH CENTRAL, WEST
FISH	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
SALT-WATER:					
BLOCKS	774	-	65	-	-
FILLETS AND STEAKS:					
COD	2,288	85	-	-	-
FLOUNDER	3,248	27	74	-	-
HADDOCK	11,231	2	-	-	-
HALIBUT	2	-	-	-	-
OCEAN PERCH	26,722	19	-	-	-
POLLOCK	3,183	-	-	-	-
WHITING	2,331	28	-	-	-
UNCLASSIFIED	573	75	622	37	-
TOTAL FILLETS AND STEAKS	49,578	236	696	37	-
TOTAL BLOCKS, FILLETS, AND STEAKS	50,352	236	761	37	-
ROUND, DRESSED, ETC.:					
HALIBUT	12	-	-	-	-
MACKEREL (EXCEPT SPANISH)	409	170	-	-	-
SALMON, OTHER, TOTAL	-	3	-	-	-
SMELT	14	94	-	6	-
SWORDFISH	62	-	-	-	-
TUNA	40	2	-	-	-
WHITING, HEADED AND GUTTED	37,158	542	4	-	-
OTHER (EXCEPT BAIT)	10,712	3,293	3,505	-	6
TOTAL SALT-WATER FISH	98,759	4,340	4,270	43	6
FRESH-WATER:					
FILLETS AND STEAKS	4	2	1	49	-
ROUND, DRESSED, ETC.:					
CHUBS	121	380	-	99	73
TROUT	7	1	-	1	47
WHITEFISH	3	366	-	17	61
OTHER (EXCEPT BAIT)	8	531	148	156	451
TOTAL FRESH-WATER FISH	143	1,280	149	322	632
BAIT AND ANIMAL FOOD (SALT AND FRESH-WATER)	35,025	1,722	1,413	448	1,960
SHELLFISH					
CRABS (INCLUDING CRABMEAT)	15	8	398	-	-
SPINY LOBSTER (TAILS)	5	-	129	-	-
OYSTER MEATS	2	4	955	-	-
SCALLOP MEATS	1,568	366	421	-	-
SHRIMP:					
RAW (HEADLESS)	135	910	7,813	-	-
ALL OTHER (INCLUDING BREADED)	6	-	16,424	-	3
TOTAL SHRIMP	141	910	24,237	-	3
SQUID	644	1,123	2	-	-
OTHER	273	159	11	-	5
TOTAL SHELLFISH	2,648	2,570	26,153	-	8
TOTAL FISH AND SHELLFISH	136,575	9,912	31,985	813	2,606

NOTE:--THE SECTIONS INDICATED INCLUDE THE FOLLOWING STATES:
NEW ENGLAND--MAINE, MASSACHUSETTS, RHODE ISLAND, AND CONNECTICUT.
MIDDLE ATLANTIC--NEW YORK, NEW JERSEY, AND PENNSYLVANIA.
SOUTH ATLANTIC--MARYLAND, DISTRICT OF COLUMBIA, VIRGINIA, NORTH CAROLINA, GEORGIA, AND FLORIDA.
NORTH CENTRAL, EAST--OHIO, INDIANA, ILLINOIS, MICHIGAN, AND WISCONSIN.
NORTH CENTRAL, WEST--MINNESOTA, IOWA, MISSOURI, NORTH DAKOTA, NEBRASKA, AND KANSAS.

(CONTINUED ON NEXT PAGE)

SUMMARY OF FREEZINGS, BY SECTIONS, 1959 - Continued

(THOUSANDS OF POUNDS)

SPECIES	SOUTH CENTRAL	PACIFIC	ALASKA	TOTAL
FISH	QUANTITY	QUANTITY	QUANTITY	QUANTITY
SALT-WATER:				
BLOCKS	-	438	-	1,277
FILLETS AND STEAKS:				
COD	-	773	-	3,146
FLOUNDER	23	741	-	4,113
HADDOCK	-	-	-	11,233
HALIBUT	-	395	1,261	1,658
OCEAN PERCH	-	638	-	27,379
POLLOCK	-	-	-	3,183
SALMON	-	28	15	43
WHITING	-	-	-	2,359
UNCLASSIFIED	14	1,477	3	2,801
TOTAL FILLETS AND STEAKS	37	4,052	1,279	55,915
TOTAL BLOCKS, FILLETS, AND STEAKS	37	4,490	1,279	57,192
ROUND, DRESSED, ETC.:				
HALIBUT	-	14,592	20,010	34,614
MACKEREL (EXCEPT SPANISH)	-	328	-	907
SABLEFISH	-	1,810	1,291	3,101
SALMON:				
CHINOOK OR KING	-	1,230	2,916	4,146
SILVER OR COHO	-	874	3,006	3,880
CHUM OR KETA	-	1,027	67	1,094
OTHER	-	228	308	539
TOTAL SALMON	-	3,359	6,297	9,659
SMELT	-	286	-	400
SWORDFISH	-	64	-	126
TUNA	-	1,941	-	1,983
WHITING, HEADED AND GUTTED	-	-	-	37,704
OTHER (EXCEPT BAIT)	2,850	3,100	294	23,760
TOTAL SALT-WATER FISH	2,887	29,970	29,171	169,446
FRESH-WATER:				
FILLETS AND STEAKS	-	186	-	242
ROUND, DRESSED, ETC.:				
CHUBS	-	-	-	673
TROUT	-	560	-	616
WHITEFISH	-	-	-	447
OTHER (EXCEPT BAIT)	48	2	-	1,344
TOTAL FRESH-WATER FISH	48	748	-	3,322
BAIT AND ANIMAL FOOD (SALT AND FRESH-WATER)	180	9,783	3,794	54,325
SHELLFISH				
CRABS (INCLUDING CRABMEAT)	34	1,517	2,203	4,175
SPINY LOBSTER (TAILS)	8	186	-	328
OYSTER MEATS	15	447	-	1,423
SCALLOP MEATS	2	-	-	2,357
SHRIMP:				
RAW (HEADLESS)	42,113	586	-	51,557
ALL OTHER (INCLUDING BREADED)	30,324	-	62	46,819
TOTAL SHRIMP	72,437	586	62	98,376
SQUID	3	554	-	2,326
OTHER	-	50	26	524
TOTAL SHELLFISH	72,499	3,340	2,291	109,509
TOTAL FISH AND SHELLFISH	75,614	43,841	35,256	336,602

NOTE:--THE SECTIONS INDICATED INCLUDE THE FOLLOWING STATES:
SOUTH CENTRAL--KENTUCKY, TENNESSEE, ALABAMA, MISSISSIPPI, LOUISIANA, TEXAS, OKLAHOMA, AND ARKANSAS.
PACIFIC--WASHINGTON, OREGON, CALIFORNIA, ARIZONA, COLORADO, UTAH, IDAHO, AND ALASKA.

PRODUCTION OF FISH FROZEN ON UNITED STATES FISHING OR TRANSPORTING CRAFT IS NOT INCLUDED IN THIS TABLE.

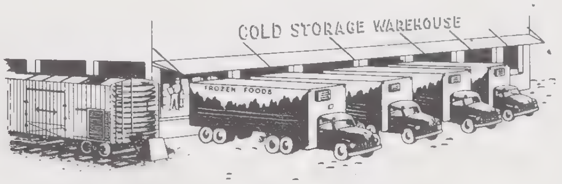
SUMMARY OF FREEZINGS, BY SECTIONS AND MONTHS, 1959

(THOUSANDS OF POUNDS)

MONTH	NEW ENGLAND	MIDDLE ATLANTIC	SOUTH ATLANTIC	NORTH CENTRAL, EAST	NORTH CENTRAL, WEST
	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
JANUARY	4,116	351	2,595	50	5
FEBRUARY	2,764	369	2,456	1	10
MARCH	4,757	442	2,096	1	20
APRIL	7,682	1,304	2,616	115	171
MAY	14,421	1,747	1,992	68	78
JUNE	19,122	1,068	2,428	46	89
JULY	24,614	1,111	2,961	49	43
AUGUST	21,077	1,083	3,004	24	50
SEPTEMBER	16,195	384	3,019	26	22
OCTOBER	9,449	556	3,313	45	46
NOVEMBER	8,453	909	2,703	207	1,480
DECEMBER	3,925	588	2,802	181	592
TOTAL	136,575	9,912	31,985	813	2,606

MONTH	SOUTH CENTRAL	PACIFIC	ALASKA	TOTAL
	QUANTITY	QUANTITY	QUANTITY	QUANTITY
JANUARY	2,993	1,312	1,802	13,224
FEBRUARY	3,053	2,665	824	12,142
MARCH	3,702	2,892	453	14,363
APRIL	3,309	3,263	1,606	20,066
MAY	3,455	5,867	6,045	33,673
JUNE	4,236	6,236	7,342	40,567
JULY	9,010	5,132	5,924	48,844
AUGUST	11,320	5,264	5,155	46,977
SEPTEMBER	11,715	4,416	3,782	39,559
OCTOBER	11,148	3,631	997	29,185
NOVEMBER	6,741	1,906	206	22,605
DECEMBER	4,932	1,257	1,120	15,397
TOTAL	75,614	43,841	35,256	336,602

NOTE:--THE STATES INCLUDED IN THE VARIOUS SECTIONS ARE INDICATED ON PAGES 61 AND 62



COLD STORAGE HOLDINGS OF FROZEN FISHERY PRODUCTS

The average monthly holdings of frozen fishery products during 1959 amounted to 197.0 million pounds. Holdings were the highest on November 30, 1959 when 242.2 million pounds of fish and shellfish were in storage. September 30 was the second highest during 1959 with 240.2 million pounds, and October 31 was third with 237.6 million pounds. Holdings were at the lowest level on March 31, when stocks declined to 141.0 million pounds. The average monthly holdings were the greatest in the New England States. The Middle Atlantic States were next, followed by the Pacific Coast States.

SUMMARY OF HOLDINGS, BY MONTHS, 1959

(THOUSANDS OF POUNDS)

SPECIES	JANUARY 1	JANUARY 31	FEBRUARY 28	MARCH 31	APRIL 30	MAY 31
FISH	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
SALT-WATER:						
BLOCKS	15,428	11,580	9,032	7,632	9,679	9,996
FILLETS AND STEAKS:						
COD	6,479	5,408	3,935	4,351	4,960	11,579
FLOUNDER	5,232	4,083	3,374	2,923	2,480	3,095
HADDOCK	5,044	4,500	4,233	5,926	8,637	11,337
HALIBUT	2,279	2,401	2,379	2,098	2,066	1,777
OCEAN PERCH	15,820	13,236	9,669	8,030	6,791	6,352
POLLOCK	1,693	1,496	1,170	993	1,021	1,057
SALMON	695	590	499	514	432	385
WHITING	2,501	2,151	1,410	1,218	998	1,193
UNCLASSIFIED	7,865	7,760	6,347	4,375	5,075	6,709
TOTAL FILLETS AND STEAKS	47,608	41,625	33,016	30,428	32,460	43,484
TOTAL BLOCKS, FILLETS, AND STEAKS	63,036	53,205	42,048	38,060	42,139	53,480
FISH STICKS AND PORTIONS (RAW AND COOKED)	6,211	5,535	4,884	5,064	5,459	5,694
ROUND, DRESSED, ETC.:						
HALIBUT	13,959	9,430	6,074	4.115	3,624	10,518
MACKEREL (EXCEPT SPANISH)	1,401	1,198	916	695	517	452
SABLEFISH	2,712	2,072	1,660	1,338	1,417	993
SALMON:						
CHINOOK OR KING	4,949	4,036	3,377	2,843	2,384	2,191
SILVER OR COHO	5,045	4,600	3,431	2,624	2,319	1,828
CHUM OR KETA	1,432	1,627	933	840	645	488
OTHER	1,224	995	1,171	887	683	745
TOTAL SALMON	12,650	11,258	8,912	7,194	6,031	5,252
SMELT	1,272	1,069	912	783	1,012	1,070
SWORDFISH	3,035	2,711	2,126	1,603	1,628	1,672
TUNA	2.332	1,811	1,507	1,483	1,739	1,969
WHITING, HEADED AND GUTTED	16,154	12,363	8,544	5,776	4,234	4,561
OTHER (EXCEPT BAIT)	19,596	17,066	11,597	13,834	14,775	15,521
TOTAL SALT-WATER FISH	142,358	117,718	89,180	79,945	82,575	101,182
FRESH-WATER:						
FILLETS AND STEAKS	1,548	2,448	1,641	1,197	994	764
ROUND, DRESSED, ETC.:						
CHUBS	1,527	1,568	1,145	875	743	826
TROUT	1,433	1,420	1,291	1,551	1,327	1,417
WHITEFISH	1,612	1,518	1,440	1,386	1,043	830
OTHER (EXCEPT BAIT)	3,351	2,271	1,913	1,721	1,475	1,637
TOTAL FRESH-WATER FISH	9,471	9,225	7,430	6,730	5,582	5,474
BAIT AND ANIMAL FOOD (SALT AND FRESH-WATER)	8,819	9,688	10,471	9,918	11,954	14,146
SHELLFISH						
CRABS (INCLUDING CRABMEAT)	1,715	2,157	2,159	2,677	2,684	2,239
SPINY LOBSTER (TAILS)	4,189	3,745	3,668	3,758	4,606	4,347
OYSTER MEATS	774	547	690	884	1,071	1,226
SCALLOP MEATS	2,020	1,562	1,069	908	907	1,104
SHRIMP:						
RAW (HEADLESS)	32,844	30,858	27,555	24,893	23,331	21,137
ALL OTHER (INCLUDING BREADED)	8,840	9,347	8,966	8,953	7,751	7,577
TOTAL SHRIMP	41,684	40,205	36,521	33,846	31,082	28,714
SQUID	1,034	812	778	710	629	1,125
OTHER	2,452	2,127	1,812	1,651	1,494	1,695
TOTAL SHELLFISH	53,868	51,155	46,697	44,434	42,473	40,450
TOTAL FISH AND SHELLFISH	214,516	187,786	153,778	141,027	142,584	161,252

(CONTINUED ON NEXT PAGE)

SUMMARY OF HOLDINGS, BY MONTHS, 1959 - Continued

(THOUSANDS OF POUNDS)

SPECIES	JUNE 30	JULY 31	AUGUST 31	SEPTEMBER 30	OCTOBER 31	NOVEMBER 30	DECEMBER 31
FISH	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
SALT-WATER:							
BLOCKS	9,682	16,505	26,004	26,022	25,597	25,238	23,215
FILLETS AND STEAKS:							
COD	11,565	12,668	13,145	14,316	13,730	13,418	14,447
FLOUNDER	3,115	3,659	4,589	4,791	5,214	5,347	5,696
HADDOCK	11,351	11,540	9,988	12,820	11,559	10,468	10,193
HALIBUT	1,928	2,114	2,864	3,310	2,599	3,125	2,624
OCEAN PERCH	8,815	11,497	14,907	16,673	16,901	15,452	14,923
POLLOCK	898	1,093	1,025	1,297	1,089	1,075	1,660
SALMON	322	290	317	269	264	293	323
WHITING	1,662	1,999	2,703	3,663	3,533	3,634	3,414
UNCLASSIFIED	6,322	5,955	7,673	7,859	5,186	8,379	8,387
TOTAL FILLETS AND STEAKS	45,998	50,815	57,211	64,998	60,075	61,191	61,667
TOTAL BLOCKS, FILLETS, AND STEAKS	55,680	67,320	83,215	91,020	85,672	86,429	84,882
FISH STICKS AND PORTIONS (RAW AND COOKED)	5,805	5,474	5,764	4,841	4,465	6,284	6,875
ROUND, DRESSED, ETC.:							
HALIBUT	18,210	19,979	24,263	24,153	21,761	18,065	15,206
MACKEREL (EXCEPT SPANISH)	524	596	940	1,071	1,166	1,572	2,076
SABLEFISH	816	823	1,146	1,689	2,474	2,159	1,991
SALMON:							
CHINOOK OR KING	3,032	3,923	5,051	5,346	4,999	4,384	3,657
SILVER OR COHO	1,242	1,992	2,525	3,182	2,871	2,662	2,234
CHUM OR KETA	387	331	317	498	856	959	589
OTHER	883	1,360	1,569	1,291	1,281	1,178	951
TOTAL SALMON	5,544	7,606	9,462	10,317	10,007	9,183	7,431
SMELT	1,330	1,382	1,434	1,322	1,329	1,628	1,459
SWORDFISH	1,359	1,455	1,889	3,199	2,229	2,498	2,268
TUNA	1,780	1,937	3,092	5,576	3,803	3,217	2,977
WHITING, HEADED AND GUTTED	6,506	12,746	14,240	16,164	15,281	13,967	9,891
OTHER (EXCEPT BAIT)	16,666	15,908	16,583	14,026	19,616	21,497	20,757
TOTAL SALT-WATER FISH	114,220	135,226	162,028	173,378	167,823	166,499	155,815
FRESH-WATER:							
FILLETS AND STEAKS	915	1,183	1,125	1,359	1,191	1,346	1,061
ROUND, DRESSED, ETC.:							
CHUBS	808	941	1,219	1,085	1,216	1,424	1,369
TROUT	1,339	1,211	1,310	1,520	1,632	1,613	1,535
WHITEFISH	839	1,032	1,240	1,589	1,839	1,704	1,664
OTHER (EXCEPT BAIT)	1,842	1,842	2,055	2,229	2,299	2,203	2,357
TOTAL FRESH-WATER FISH	5,743	6,209	6,949	7,782	8,177	8,290	7,986
BAIT AND ANIMAL FOOD (SALT AND FRESH-WATER)	16,821	15,983	14,227	10,850	7,116	7,847	8,096
SHELLFISH							
CRABS (INCLUDING CRABMEAT)	2,055	1,127	958	1,013	968	945	1,042
SPINY LOBSTER (TAILS)	4,701	5,429	4,497	3,770	3,658	3,726	3,733
OYSTER MEATS	1,122	1,057	916	751	546	602	826
SCALLOP MEATS	1,730	2,288	3,146	3,042	3,072	3,330	3,507
SHRIMP:							
RAW (HEADLESS)	19,283	22,352	23,780	26,119	33,057	37,334	37,866
ALL OTHER (INCLUDING BREADED)	7,450	7,477	9,907	10,058	10,131	10,719	10,572
TOTAL SHRIMP	26,733	29,829	33,687	36,177	43,188	48,053	48,438
SQUID	1,657	2,082	1,842	1,381	1,500	1,496	1,214
OTHER	1,812	1,677	1,802	2,104	1,538	1,365	1,352
TOTAL SHELLFISH	39,810	43,489	46,848	48,238	54,470	59,517	60,112
TOTAL FISH AND SHELLFISH	176,594	200,907	230,052	240,248	237,586	242,153	232,009

SUMMARY OF HOLDINGS, BY SECTIONS AND MONTHS, 1959

(THOUSANDS OF POUNDS)

DATE	NEW ENGLAND	MIDDLE ATLANTIC	SOUTH ATLANTIC	NORTH CENTRAL, EAST	NORTH CENTRAL, WEST	SOUTH CENTRAL	PACIFIC	ALASKA	TOTAL
	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
JANUARY 1	55,902	42,349	11,491	25,348	10,380	21,655	40,059	7,332	214,516
JANUARY 31	44,953	38,943	11,329	20,928	9,516	21,308	34,660	6,149	187,786
FEBRUARY 28	32,119	34,584	9,923	16,938	8,006	17,798	29,905	4,505	153,778
MARCH 31	26,131	32,345	9,624	15,168	7,590	15,377	32,380	2,412	141,027
APRIL 30	28,904	30,881	9,831	14,540	7,190	14,099	33,243	3,896	142,584
MAY 31	38,471	36,439	9,742	15,343	6,699	12,472	35,797	6,289	161,252
JUNE 30	46,996	36,715	8,792	16,329	5,557	12,570	39,074	10,561	176,594
JULY 31	61,457	37,285	8,838	19,581	7,513	15,741	38,713	11,779	200,907
AUGUST 31	69,865	44,082	9,312	23,308	8,256	20,110	40,584	14,535	230,052
SEPTEMBER 30	77,640	43,319	10,159	24,429	7,920	23,879	37,992	14,910	240,248
OCTOBER 31	72,364	42,095	10,235	26,156	8,460	24,653	42,427	11,196	237,586
NOVEMBER 30	70,853	44,554	11,364	26,049	10,513	27,358	43,393	8,069	242,153
DECEMBER 31	67,116	47,100	11,010	25,191	7,841	28,175	39,693	5,883	232,009

NOTE:--THE STATES INCLUDED IN THE VARIOUS SECTIONS ARE INDICATED ON PAGES 61 AND 62.

COLD-STORAGE HOLDINGS OF CURED FISH

Average monthly holdings of salted and smoked cured fish in 1959 totaled 15.6 million pounds. Cold storage stocks averaged 8.4 million pounds for cured herring and 3.7 million pounds for mild-cured salmon. These two species accounted for 78 percent of the average cold storage inventories of cured fish.

SUMMARY OF HOLDINGS OF CURED FISH, BY MONTHS, 1959

(THOUSANDS OF POUNDS)

DATE	SALTED			SMOKED	TOTAL
	HERRING, CURED	SALMON, MILD-CURED	OTHER		
	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
JANUARY 1	7,768	3,452	3,680	568	15,468
JANUARY 31	8,140	2,947	3,527	326	14,940
FEBRUARY 28	7,527	2,512	2,420	314	12,773
MARCH 31	8,900	2,114	2,179	531	13,724
APRIL 30	8,997	1,787	1,982	755	13,521
MAY 31	9,765	1,694	2,127	822	14,408
JUNE 30	9,563	3,023	2,120	960	15,666
JULY 31	9,105	4,732	2,149	891	16,877
AUGUST 31	9,218	5,807	3,200	874	19,099
SEPTEMBER 30	8,106	5,539	3,604	887	18,136
OCTOBER 31	6,526	5,498	3,063	948	16,035
NOVEMBER 30	8,099	4,836	3,284	815	17,034
DECEMBER 31	6,871	4,296	3,488	919	15,574

GENERAL REVIEW

FOREIGN FISHERY TRADE

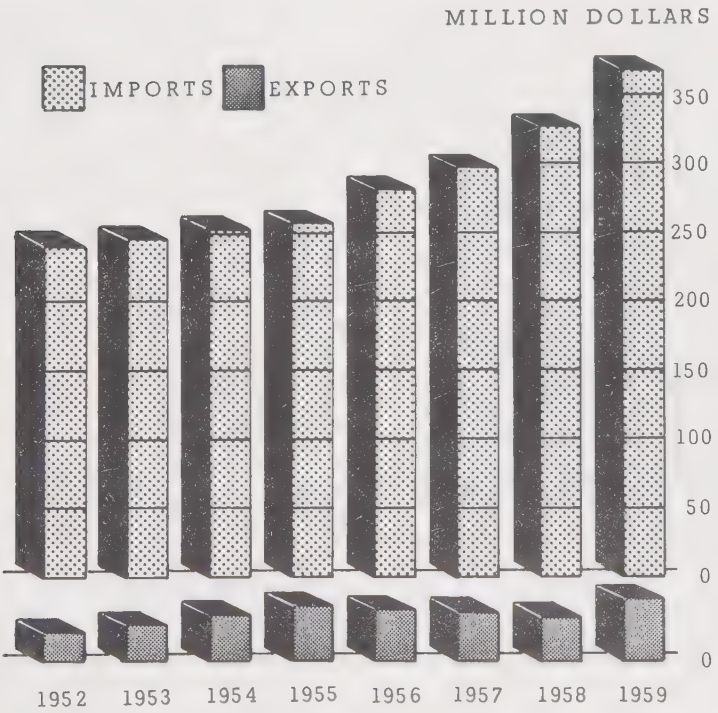
United States foreign trade in fishery products during 1959 was valued at nearly 411 million dollars. Nearly 367 million dollars represented products imported for consumption and over 44 million dollars, exports of domestic fishery products. The value of fishery products imported for consumption was the highest ever recorded, and exceeded that for 1958 -- the previous high year -- by 12 percent. The value of fishery products exported was 43 percent greater than during the previous year, and was exceeded only in 1943 and 1947 when the value of fishery exports amounted to nearly 49 and 53 million dollars, respectively.

Imports of edible products in 1959 amounted to 1.1 billion pounds with a value of 311 million dollars, exceeding 1958 receipts by 12 percent in volume and 11 percent in value. Fresh or frozen fish fillets, including blocks or slabs, tuna, and shrimp, were among the more important items received in greater quantity

Imports of non-edible fishery products totaled 55 million dollars -- 18 percent more than in 1958. The value of most of the more important products (fish solubles, meal for animal feed, and pearls) amounting to 32 million dollars in 1959, was greater than during the previous year.

Edible fishery products exported in 1959 amounted to 81 million pounds with a value of 27 million dollars -- an increase of 23 percent in volume and 38 percent in value compared with the previous year. Exports of non-edible products, valued at 17 million dollars, were 51 percent greater than in 1958.

IMPORTS AND EXPORTS OF FISHERY PRODUCTS, 1952 - 1959



EXPORTS OF DOMESTIC FISHERY PRODUCTS, 1959

(VALUE IN THOUSANDS OF DOLLARS)

ITEM		QUANTITY	VALUE
EDIBLE FISHERY PRODUCTS			
FRESH OR FROZEN:			
FISH:			
COD, HADDOCK, HAKE, POLLOCK, AND CUSK	1,000 POUNDS	572	114
SALMON	DO	1,467	659
OTHER	DO	6,139	622
TOTAL FISH	DO	8,178	1,395
SHELLFISH:			
SHRIMP	DO	2,090	1,682
OYSTERS, SHUCKED	DO	784	575
OTHER (INCLUDING LOBSTERS AND SHUCKED CLAMS AND OYSTERS)	DO	1,603	631
TOTAL SHELLFISH	DO	4,477	2,888
TOTAL FRESH AND FROZEN	DO	12,655	4,283
CANNED:			
FISH:			
MACKEREL	DO	743	135
SALMON	DO	13,826	10,639
SARDINES:			
IN OIL	DO	1,271	293
NOT IN OIL	DO	37,453	5,843
TUNA	DO	233	139
OTHER (INCLUDING HERRING)	DO	372	326
TOTAL FISH	DO	53,898	17,375
SHELLFISH:			
SHRIMP	DO	2,876	2,898
SQUID	DO	9,156	906
OTHER (INCLUDING CRABS AND CRABMEAT)	DO	599	467
TOTAL SHELLFISH	DO	12,631	4,271
TOTAL CANNED	DO	66,529	21,646
CURED, SALTED, PICKLED, OR DRY CURED:			
SALMON	DO	491	372
MISCELLANEOUS FISH	DO	429	164
SHRIMP	DO	85	88
TOTAL CURED	DO	1,005	624
FISH, SHELLFISH, AND OTHER MARINE ANIMAL PRODUCTS, (INCLUDING CANNED OR FROZEN SPECIALTIES AND SMOKED FISH AND SHELLFISH)	DO	499	194
TOTAL EDIBLE FISHERY PRODUCTS	DO	80,688	26,747
NON-EDIBLE FISHERY PRODUCTS			
FISH AND MARINE ANIMAL BODY AND LIVER OIL (EXCEPT MEDICINAL)	DO	144,481	11,902
WHALE AND SPERM OIL	DO	1,528	142
SEAL FURS, DRESSED OR DYED	1,000 PIECES	38	2,580
PEARL ESSENCE	1,000 POUNDS	17	342
SHELLS, UNMANUFACTURED	DO	22,781	977
OTHER FISH, SHELLFISH, AND MARINE ANIMAL PRODUCTS (INCLUDES REPTILE AND AQUATIC LEATHER, MOLLUSK SHELLS FOR FOOD, AND SPONGES)	-	-	1,552
TOTAL NON-EDIBLE FISHERY PRODUCTS	-	-	17,495
GRAND TOTAL	-	-	44,242

NOTE:--IN ADDITION TO THE EXPORT FIGURES THAT ARE SHOWN THERE ARE LARGE QUANTITIES OF FISH OILS AND CONCENTRATES THAT ARE EXPORTED FOR MEDICINAL PURPOSES, AND OTHER MISCELLANEOUS FISHERY PRODUCTS THAT CANNOT BE SHOWN BECAUSE THE EXPORT CLASSIFICATION COVERING THESE PRODUCTS INCLUDES OTHER THAN FISHERY PRODUCTS.

IMPORTS OF FISHERY PRODUCTS ENTERED FOR CONSUMPTION, 1959

(VALUE IN THOUSANDS OF DOLLARS)

ITEM		QUANTITY	VALUE
EDIBLE FISHERY PRODUCTS			
FRESH OR FROZEN:			
FISH:			
WHETHER OR NOT WHOLE (EXCEPT FILLETS, STEAKS, ETC.):			
FRESH-WATER:			
BLUE PIKE	1,000 POUNDS	20	7
EELS (FRESH AND SALT-WATER)	DO	448	128
LAKE HERRING, CISCO, AND CHUB	DO	1,142	261
LAKE TROUT	DO	1,628	592
MULLET (SUCKER)	DO	107	22
PIKE OR PICKEREL (JACKS OR GRASS PIKE)	DO	1,010	172
SAUGER	DO	2,108	786
TROUT (INCLUDING RAINBOW, BROOK, AND BROWN)	DO	5,681	2,361
TULLIBEE	DO	335	84
WHITEFISH	DO	14,365	5,201
YELLOW PERCH	DO	379	109
YELLOW PIKE	DO	5,652	2,332
OTHER	DO	6,848	1,394
TOTAL FRESH-WATER FISH	DO	39,723	13,449
SALT-WATER:			
COD, HADDOCK, HAKE, POLLOCK, AND CUSK	DO	4,658	481
HALIBUT	DO	23,368	6,201
MACKEREL:			
FRESH	DO	1,434	298
FROZEN	DO	2,103	282
SALMON	DO	19,700	7,232
SEA HERRING:			
FRESH	DO	[1]64,839	1,297
FROZEN	DO	874	84
SHAD	DO	98	11
SMELT	DO	6,334	1,197
STURGEON:			
FRESH	DO	354	320
FROZEN	DO	458	302
SWORDFISH:			
FRESH	DO	5,572	1,925
FROZEN	DO	3,078	947
TUNA:			
ALBACORE	DO	51,956	8,293
OTHER TUNA	DO	183,955	21,435
TOTAL TUNA	DO	235,911	29,728
WHITE SEA BASS	DO	653	127
OTHER	DO	6,825	1,368
TOTAL SALT-WATER FISH	DO	376,259	51,800
FILLETS, STEAKS, ETC.:			
GROUNDFISH AND OCEAN PERCH:			
COD	DO	54,878	11,448
HADDOCK, HAKE, POLLOCK, AND CUSK	DO	26,798	6,583
OCEAN PERCH	DO	17,871	3,689
BLOCKS OR SLABS	DO	[2]85,290	[2]17,039
TOTAL GROUNDFISH AND OCEAN PERCH	DO	184,837	38,759
OTHER:			
FLOUNDER	DO	14,491	4,337
HALIBUT AND SALMON	DO	3,133	1,564
SWORDFISH	DO	13,409	4,178
WOLFFISH (SEA CATFISH)	DO	7,413	1,852
OTHER SALT-WATER	DO	10,425	2,859
OTHER FRESH-WATER	DO	15,931	6,222
TOTAL, OTHER THAN GROUNDFISH	DO	64,802	21,012
TOTAL FILLETS, STEAKS, ETC.	DO	249,639	59,771
FISH STICKS AND SIMILAR PRODUCTS	DO	41	18
TOTAL FISH, FRESH OR FROZEN	DO	665,662	125,038
SHELLFISH, ETC.:			
CLAMS (IN SHELL OR SHUCKED)	DO	1,218	259

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

IMPORTS OF FISHERY PRODUCTS ENTERED FOR CONSUMPTION, 1959 - Continued

(VALUE IN THOUSANDS OF DOLLARS)

ITEM		QUANTITY	VALUE
EDIBLE FISHERY PRODUCTS - CONTINUED			
FRESH OR FROZEN - CONTINUED:			
SHELLFISH, ETC. - CONTINUED:			
CRABS:			
FRESH OR FROZEN (INCLUDING PREPARED OR PRESERVED, EXCEPT CANNED)	1,000 POUNDS	457	133
CRABMEAT (FRESH-COOKED)	DO	66	52
LOBSTERS:			
COMMON (INCLUDES FRESH-COOKED MEAT)	DO	20,635	13,802
SPINY	DO	28,092	24,833
OYSTERS:			
EXCEPT SEED OYSTERS)	DO	5	1
OTHER (PRINCIPALLY SEED OYSTERS)	DO	3,143	314
SCALLOPS:			
FRESH	DO	184	86
OTHER (PRINCIPALLY FROZEN)	DO	4,924	2,344
SHRIMP AND PRAWN (MAY INCLUDE SOME DRIED AND CANNED)	DO	106,555	52,306
FROG LEGS (INCLUDES PREPARED AND PRESERVED)	DO	1,756	1,153
TURTLES (LIVE ONLY)	DO	659	47
TOTAL SHELLFISH, ETC., FRESH OR FROZEN	DO	167,694	95,330
TOTAL FRESH AND FROZEN FISH, SHELLFISH, ETC.	DO	833,356	220,368
CANNED:			
FISH:			
ANCHOVIES:			
IN OIL	DO	6,056	2,176
NOT IN OIL	DO	232	76
SALMON, NOT IN OIL	DO	31,154	11,130
SARDINES:			
IN OIL	DO	21,153	8,194
NOT IN OIL	DO	1,010	176
HERRING, NOT IN OIL	DO	10,593	2,665
TUNA:			
IN OIL:			
ALBACORE	DO	357	150
OTHER	DO	473	155
TOTAL IN OIL	DO	830	305
NOT IN OIL:			
ALBACORE	DO	12,878	5,767
OTHER	DO	42,426	15,616
TOTAL NOT IN OIL	DO	55,304	21,383
BONITO AND YELLOWTAIL:			
IN OIL	DO	9,675	2,244
NOT IN OIL	DO	3,848	810
TOTAL BONITO AND YELLOWTAIL	DO	13,523	3,054
POLLOCK, SMOKED	DO	5	3
ANTIPASTO, IN OIL	DO	372	204
FISH CAKES, BALLS, AND PUDDING	DO	1,754	359
CAVIAR AND OTHER FISH ROE (MAY INCLUDE SOME NOT CANNED)	DO	352	744
FISH PASTE AND SAUCE	DO	149	68
OTHER FISH:			
IN OIL	DO	444	213
NOT IN OIL	DO	13,231	1,870
TOTAL CANNED FISH	DO	156,162	52,620
SHELLFISH, ETC.:			
ABALONE (MAY INCLUDE FRESH, DRIED, AND CANNED PASTE AND SAUCE)	DO	4,692	1,923
CLAMS:			
RAZOR	DO	88	38
OTHER	DO	1,264	753
CHOWDER, JUICE, ETC.	DO	9	4
CRABMEAT (INCLUDES PASTE AND SAUCE)	DO	7,304	7,947
LOBSTER MEAT:			
COMMON	DO	2,338	4,099
SPINY	DO	2,105	2,342
OYSTERS AND OYSTER JUICE	DO	5,953	1,964
SHELLFISH PASTE AND SAUCE	DO	152	96
OTHER SHELLFISH	DO	3,733	873
TOTAL CANNED SHELLFISH	DO	27,638	20,039
TOTAL CANNED FISH, SHELLFISH, ETC.	DO	183,800	72,659

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

IMPORTS OF FISHERY PRODUCTS ENTERED FOR CONSUMPTION, 1959 - Continued

(VALUE IN THOUSANDS OF DOLLARS)

ITEM		QUANTITY	VALUE
EDIBLE FISHERY PRODUCTS - CONTINUED			
CURED:			
DRIED (UNSALTED):			
COD, HADDOCK, HAKE, POLLOCK, AND CUSK.	1,000 POUNDS	1,225	493
SHARK FINS	DO	203	102
OTHER.	DO	146	97
TOTAL DRIED (UNSALTED).	DO	1,574	692
PICKLED OR SALTED:			
ALEWIVES	DO	5	1
COD, HADDOCK, HAKE, POLLOCK, AND CUSK:			
SKINNED OR BONED	DO	7,558	2,125
OTHER.	DO	38,273	6,156
HERRING.	DO	30,006	3,919
MACKEREL	DO	3,171	584
SALMON	DO	14	7
OTHER.	DO	600	263
TOTAL PICKLED OR SALTED	DO	79,627	13,055
SMOKED OR KIPPERED:			
COD, HADDOCK, HAKE, POLLOCK, AND CUSK:			
WHOLE, BEHEADED, EVISCERATED OR BOTH	DO	628	152
FILLETS, STEAKS, ETC.	DO	2,526	680
HERRING:			
WHOLE OR BEHEADED:			
HARD DRY-SMOKED.	DO	1,411	152
OTHER.	DO	280	47
BONED.	DO	865	199
NOT BONED (EVISCERATED, SPLIT)	DO	512	105
SALMON	DO	40	46
OTHER.	DO	37	13
TOTAL SMOKED OR KIPPERED.	DO	6,299	1,394
TOTAL CURED	DO	87,500	15,141
OTHER FISH AND SHELLFISH, NOT ESPECIALLY PROVIDED FOR. .	DO	8,968	2,865
TOTAL EDIBLE FISHERY PRODUCTS	DO	1,113,624	311,033
NON-EDIBLE FISHERY PRODUCTS			
OILS, FISH AND MARINE ANIMAL:			
COD:			
INDUSTRIAL	1,000 GALLONS	721	416
MEDICINAL.	DO	1,491	1,636
HALIBUT LIVER.	DO	1	10
HERRING.	DO	71	30
MENHADEN	DO	5	7
SHARK, INCLUDING GRAYFISH:			
BODY	DO	-	-
LIVER.	DO	17	142
SOD.	DO	80	25
WHALE:			
SPERM:			
REFINED.	DO	413	263
CRUDE.	DO	3,693	1,621
OTHER.	DO	(3)	3
OTHER:			
BODY	DO	23	23
LIVER.	DO	51	1,563
TOTAL FISH AND MARINE ANIMAL OIL.	DO	6,566	5,739
MEAL AND SCRAP:			
ANIMAL FEED.	1,000 TONS	117	14,400
FERTILIZER	DO	16	1,484
TOTAL MEAL AND SCRAP.	-	133	15,884
COD LIVER OIL CAKE AND MEAL.	1,000 POUNDS	2,192	130
FISH SOLUBLES.	1,000 TONS	27	2,168
FISH SOUNDS.	1,000 POUNDS	85	37
FISH LIVERS FOR DRUGS.	DO	249	51
GLUE	DO	1,431	242
ISINGLASS.	DO	53	39
PEARL ESSENCE.	DO	99	761

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

IMPORTS OF FISHERY PRODUCTS ENTERED FOR CONSUMPTION, 1959 - Continued

(VALUE IN THOUSANDS OF DOLLARS)

ITEM		QUANTITY	VALUE
NON-EDIBLE FISHERY PRODUCTS - CONTINUED			
AQUARIUM FISH (INCLUDING GOLDFISH)	1,000 POUNDS	-	213
FISH (OTHER THAN FOR HUMAN CONSUMPTION)	-	-	4,605
CUTTLEFISH BONE	1,000 POUNDS	325	161
SHELLS AND BUTTONS:			
SHELLS, UNMANUFACTURED:			
MOTHER-OF-PEARL	DO	1,463	695
OTHER	DO	2,755	281
SHELL AND MOTHER-OF-PEARL, ORNAMENTED	-	-	332
OCEAN AND FRESH-WATER PEARL OR SHELL BUTTONS AND BLANKS	1,000 GROSS	809	561
PEARLS:			
CULTIVATED	-	-	13,083
NATURAL	-	-	595
TOTAL PEARLS	-	-	13,678
WHALEBONE	-	-	1
AMBERGRIS	1,000 POUNDS	(3)	16
SPERMICETTI WAX	DO	185	39
AQUATIC LEATHERS:			
FISH AND SHARK SKINS, RAW OR SALTED	DO	326	59
SEAL SKINS:			
RAW (NOT FUR SKINS)	DO	155	142
FUR SKINS (DRESSED AND UNDRESSED)	1,000 PIECES	29	250
WALRUS LEATHER	1,000 POUNDS	9	15
REPTILE SKINS (RAW)	1,000 PIECES	4,457	2,600
REPTILIAN AND SHARK SKIN PRODUCTS	-	-	3,063
MOSS AND SEAWEEDS	-	-	519
KELP	1,000 POUNDS	48,377	496
AGAR-AGAR	DO	761	992
SODIUM ALGINATE	DO	724	488
SPONGES:			
SHEEPSWOOL	DO	53	234
YELLOW, GRASS OR VELVET	DO	11	18
HARDHEAD, REEF AND OTHER	DO	98	915
TOTAL SPONGES	DO	162	1,167
CORAL, UNCUT, UNMANUFACTURED	DO	565	43
TOTAL NON-EDIBLE FISHERY PRODUCTS	-	-	55,467
GRAND TOTAL	-	-	366,500

1/ INCLUDES BUREAU OF CUSTOMS DATA ON IMPORTS OF FRESH HERRING INTO MAINE, WHICH AMOUNTED TO 64,700,000 POUNDS. BUREAU OF CENSUS DATA, WHICH DID NOT INCLUDE MOST ENTRIES VALUED AT LESS THAN $250.00, AMOUNTED TO 23,286,714 POUNDS.

2/ INCLUDES BLOCKS OF BITS AND PIECES.

3/ LESS THAN 1,000 UNITS.

NOTE:--THE DATE INCLUDE IMPORTS TO UNITED STATES AND SOME TERRITORIES. DOES NOT INCLUDE RECEIPTS OF FOREIGN CAUGHT TUNA LANDED IN AMERICAN SAMOA.

U.S. IMPORTS OF FISH MEAL AND SCRAP, 1959

(THOUSANDS OF TONS AND THOUSANDS OF DOLLARS)

COUNTRY OF ORIGIN	QUANTITY	VALUE
CANADA	39	4,827
PERU	50	5,618
CHILE	5	657
ANGOLA	21	2,742
UNION OF SOUTH AFRICA	10	1,078
OTHER COUNTRIES	8	962
TOTAL	133	15,884

U.S. IMPORTS OF FRESH AND FROZEN TUNA, 1959

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

COUNTRY OF ORIGIN	ALBACORE		OTHER TUNA		TOTAL TUNA	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
MEXICO	-	-	5,129	376	5,129	376
PANAMA	6	1	1,107	133	1,113	134
CANAL ZONE	198	47	3,494	428	3,692	475
TRINIDAD	51	7	6,489	822	6,540	829
ECUADOR	73	5	9,087	809	9,160	814
PERU	684	83	53,011	5,907	53,695	5,990
TAIWAN	81	11	1,244	175	1,325	186
JAPAN	48,224	7,787	103,151	12,642	151,375	20,429
BRITISH WESTERN PACIFIC ISLANDS	2,605	346	627	68	3,232	414
OTHER COUNTRIES	34	6	616	75	650	81
TOTAL	51,956	8,293	183,955	21,435	235,911	29,728

NOTE:--IMPORTED TUNA IS PRINCIPALLY FROZEN.

U.S. IMPORTS OF SHRIMP, 1959

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

COUNTRY OF ORIGIN	QUANTITY	VALUE
MEXICO	68,654	27,806
EL SALVADOR	1,836	1,297
COSTA RICA	1,157	585
PANAMA	8,805	6,259
COLOMBIA	1,898	1,307
ECUADOR	4,712	2,943
INDIA	2,866	1,357
JAPAN	7,227	5,051
EGYPT	1,309	732
OTHER COUNTRIES	8,091	4,969
TOTAL	106,555	52,306

NOTE:--IMPORTED SHRIMP IS PRINCIPALLY FROZEN. THE APPROXIMATE CONDITION OF IMPORTED SHRIMP IN 1959 WAS AS FOLLOWS: HEADLESS 85.0 PERCENT; PEELED (INCLUDING DEVEINED) RAW AND COOKED 14.1 PERCENT; CANNED 0.6 PERCENT; BREADED 0.2 PERCENT; DRIED 0.1 PERCENT.

U.S. IMPORTS OF FILLETS AND STEAKS, 1959

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

COUNTRY OF ORIGIN	QUANTITY	VALUE
GROUNDFISH AND OCEAN PERCH (INCLUDING BLOCKS):		
GREENLAND	1,412	279
CANADA	100,706	21,869
ICELAND	43,086	8,464
NORWAY	17,777	3,647
DENMARK	17,139	3,524
WEST GERMANY	3,093	625
OTHER COUNTRIES	1,624	351
TOTAL GROUNDFISH AND OCEAN PERCH	184,837	38,759
OTHER THAN GROUNDFISH:		
GREENLAND	1,161	281
CANADA	38,715	13,545
MEXICO	2,089	538
ICELAND	2,188	684
NORWAY	2,728	633
JAPAN	13,511	4,127
OTHER COUNTRIES	4,410	1,204
TOTAL OTHER THAN GROUNDFISH	64,802	21,012
GRAND TOTAL	249,639	59,771

U.S. IMPORTS OF CANNED SARDINES IN OIL, 1959

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

COUNTRY OF ORIGIN	QUANTITY	VALUE
NORWAY	12,461	5,026
DENMARK	1,197	460
PORTUGAL	6,293	2,269
MOROCCO	494	148
OTHER	708	291
TOTAL	21,153	8,194

U.S. IMPORTS OF CANNED TUNA IN OIL, 1959

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

COUNTRY OF ORIGIN	ALBACORE		OTHER TUNA		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
PERU	-	-	252	68	252	68
BELGIUM	61	25	-	-	61	25
SPAIN	56	24	25	12	81	36
JAPAN	226	94	105	36	331	130
OTHER COUNTRIES	14	7	91	39	105	46
TOTAL	357	150	473	155	830	305

U.S. IMPORTS OF CANNED TUNA IN BRINE, 1959

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

COUNTRY OF ORIGIN	ALBACORE		OTHER TUNA		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
CUBA	362	99	457	124	819	223
ECUADOR	14	3	1,057	287	1,071	290
PERU	8	3	793	207	801	210
AZORES	-	-	385	88	385	88
SPAIN	2,136	919	2,190	843	4,326	1,762
PORTUGAL	306	84	1,669	456	1,975	540
JAPAN	9,819	4,568	34,742	13,254	44,561	17,822
ANGOLA	56	16	852	259	908	275
OTHER COUNTRIES	177	75	281	98	458	173
TOTAL	12,878	5,767	42,426	15,616	55,304	21,383

U.S. IMPORTS OF CANNED BONITO AND YELLOWTAIL, 1959

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

COUNTRY OF ORIGIN	IN OIL		NOT IN OIL		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
PERU	9,483	2,173	3,703	768	13,186	2,941
OTHER COUNTRIES	192	71	145	42	337	113
TOTAL	9,675	2,244	3,848	810	13,523	3,054

U.S. IMPORTS OF FISHERY PRODUCTS, 1959

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

COUNTRY OF ORIGIN	EDIBLE		NON-EDIBLE	TOTAL
	QUANTITY	VALUE	VALUE	VALUE
CANADA	376,768	94,870	7,096	101,966
JAPAN	277,919	76,079	20,147	96,226
MEXICO	78,039	32,424	445	32,869
NORWAY	51,403	14,789	1,616	16,405
PERU	65,849	9,682	6,692	16,374
UNION OF SOUTH AFRICA	13,782	10,339	1,751	12,090
ICELAND	48,293	9,539	461	10,000
DENMARK	35,370	6,588	1,651	8,239
AUSTRALIA	7,755	7,801	379	8,180
PANAMA	9,935	6,407	55	6,462
PORTUGAL	14,632	4,965	487	5,452
CUBA	6,141	3,989	821	4,810
ECUADOR	18,893	4,116	43	4,159
ANGOLA	929	282	2,742	3,024
BRAZIL	1,530	970	2,032	3,002
SPAIN	6,366	2,520	174	2,694
NETHERLANDS	10,203	2,105	523	2,628
UNITED KINGDOM	4,759	1,270	1,118	2,388
NEW ZEALAND	2,650	2,354	5	2,359
INDIA	3,199	1,535	704	2,239
FRANCE	10,349	1,651	579	2,230
WEST GERMANY	6,563	1,372	442	1,814
COLOMBIA	1,900	1,309	294	1,603
HONG KONG	1,718	1,380	188	1,568
ARGENTINA	1,260	532	767	1,299
EL SALVADOR	1,849	1,297	-	1,297
CHILE	968	551	731	1,282
TRINIDAD	6,543	830	8	838
ITALY	1,054	596	235	831
GREECE	36	12	808	820
OTHER	46,969	8,879	2,473	11,352
TOTAL	1,113,624	311,033	55,467	366,500

U.S. EXPORTS OF FISHERY PRODUCTS, 1959

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

COUNTRY OF DESTINATION	EDIBLE		NON-EDIBLE	TOTAL
	QUANTITY	VALUE	VALUE	VALUE
UNITED KINGDOM	10,338	8,803	125	8,928
CANADA	13,762	5,758	2,886	8,644
PHILIPPINES	34,392	5,575	12	5,587
NETHERLANDS	796	497	3,855	4,352
SWEDEN	211	155	3,021	3,176
WEST GERMANY	249	179	2,709	2,888
NORWAY	19	11	1,285	1,296
JAPAN	3	11	917	928
CUBA	3,820	716	71	787
FRANCE	661	438	328	766
SWITZERLAND	277	155	607	762
BELGIUM	1,015	316	430	746
MEXICO	529	211	452	663
VENEZUELA	679	594	20	614
GREECE	2,639	306	-	306
ITALY	41	30	273	303
NEW ZEALAND	2,434	285	-	285
HONG KONG	606	213	16	229
NETHERLAND ANTILLES	300	212	-	212
EL SALVADOR	525	117	92	209
COSTA RICA	1,007	201	4	205
ECUADOR	1,125	193	-	193
LEBANON	20	20	146	166
PANAMA	655	153	-	153
AUSTRALIA	261	108	49	157
GUATEMALA	651	137	-	137
BAHAMAS	129	106	5	111
JAMAICA	241	97	8	105
HONDURAS	479	103	-	103
DENMARK	9	4	96	100
OTHER	2,815	1,043	88	1,131
TOTAL	80,688	26,747	17,495	44,242

SECTION 2 - NEW ENGLAND FISHERIES

During 1959, the commercial fisheries of the New England States (Maine, New Hampshire, Massachusetts, Rhode Island, and Connecticut) yielded a total catch of 933 million pounds valued at 66 million dollars to the fishermen. The quantity landed, 65 million pounds less than in the previous year, was the lowest since 1953. The value of the catch, however, was slightly above that of 1958 and was the highest per-pound-price return to fishermen since 1952. Relations between fishermen, vessel owners, and processing plants were generally good. Although severe at times, weather conditions on the North Atlantic fishing grounds, an area noted for destructive storms, were not abnormal.

Major factors contributing to the low 1959 catch were a sharp decline in the catches of sea herring, alewives, ocean perch, pollock, and haddock; and moderate decreases in the landings of flounders, otter-trawl caught industrial fish, and clams. Landings would have been even lower had not menhaden once again been taken in quantity, a new record established in the catch of sea scallops, and slight increases occurred in the production of whiting, cod, and northern lobsters. Dollar-wise, the overall economic pinch caused by the lower production was eased somewhat by the greater return received by fishermen engaged in the lobster and scallop fisheries.

There were 21,051 fishermen engaged in the New England fisheries in 1959. Fishing craft operated in these fisheries during the year consisted of 758 vessels of 5 net tons and over, 10,703 motor boats, and 841 other boats.

Wholesale and manufacturing fishery firms operated in the New England States in 1959 numbered 553, a few less than in the previous year. These firms gave employment to over 13 thousand persons. Manufactured fishery products were valued at over 113 million dollars -- almost 5 million dollars less than in 1958. A decrease in the production of packaged fresh and frozen fish fillets and steaks and canned sea herring (sardines) was primarily responsible for the lower value. Principal manufactured products produced in this area in 1959 were canned sea herring (sardines), clam products, and animal food; packaged fresh and frozen fillets, sticks and portions, and sea scallops; and fish meal, oils, solubles, and homogenized-condensed fish.

The New England groundfish fishery continued to operate under severe difficulties in 1959. Foreign fishery products, competitive with groundfish, again arrived in record volume. The domestic fishery, which is largely dependent on the catch of haddock and ocean perch, was in poor financial condition at the end of the year. Lower landings of major species in the groundfish group and generally lower ex-vessel prices for these species plagued the industry. Greater vessel operating expenses and higher labor costs served to intensify this critical situation. The total 1959 combined catch of groundfish was 7 percent less in both volume and value than in the previous year.

Boston's fishing fleet continued to devote its major attention to the haddock fishery. However, these fish, particularly scrod-sized haddock on Georges and Browns Banks, were scarce in 1959. The total New England catch of haddock was nearly 7 million pounds below that of the previous year and the lowest production since 1923. There was a substantial decline in landings of ocean perch from local waters -- particularly larger fish which were in demand. Gloucester's ocean perch otter trawlers made fewer trips in 1959 and some vessels, influenced by low ocean perch ex-vessel prices, turned to other fisheries for their income. Landings of ocean perch at Gloucester were at the lowest level since 1940 while the total New England catch was the smallest since 1945. The poor market for pollock prevented fishermen from concentrating on this species when they became available in large numbers. Ex-vessel prices were low -- there was no demand for pollock for use in fish blocks as there had been in the previous year when foreign blocks were in short supply.

Even though groundfish catches were poor, shore-side processors utilizing imported fish had a fairly successful year. Production of frozen fish sticks was about the same as in 1958, however, the production of fish portions jumped sharply. Good demand for fish sticks, fish portions, and other packaged products kept many shore workers employed. The frozen blocks of groundfish fillets used in the production of fish sticks and portions came almost entirely from imports.

In 1959, the domestic production of groundfish fillets and steaks amounted to only 91 million pounds valued at 24.7 million dollars -- the lowest since 1943. Despite the low domestic production, supplies of groundfish fillets and steaks (domestic products plus imports) totaled an unprecedented 276 million pounds. Imports reached a record high of 185 million pounds and accounted for 67 percent of the total domestic supply. Foreign competition gained a further advantage over the domestic industry in 1959 when the United States Customs Court of New York ruled that all fish blocks or slabs in an immediate container totaling in excess of 15 pounds were dutiable under Paragraph 720 (b) instead of Paragraph 717 (b) of the Tariff Act. Since then, imported frozen fish blocks or slabs have been dutiable at 1 cent per pound. Previously, these items were dutiable at 1 7/8 or 2 1/2 cents per pound.

The 117 million pound catch of sea herring in Maine was 54 million pounds less than in 1958 which was the largest production since 1950. Imports into the State from Canada totaled nearly 65 million pounds, 26 million pounds more than in the previous year. Canners used most of the domestically caught and imported sea herring to pack 1.8 million cases of sardines, the third lightest pack since 1941. It was thought that poor spawning and survival conditions were responsible for the short domestic supply of herring. In addition to the scarcity, many of the fish were too large for canning. Several canners closed early rather than handle the large fish, and more plants closed when the fall run of more desirable fish failed to appear. However, the reduced catches strengthened the market by preventing a build up of canned stocks. This permitted stabilizing prices at a rather high level. Although the pack of canned sardines was down 17 percent, the value declined only 6 percent. Canners attributed a part of the increased price to the joint State-Industry cooperative inspection program which resulted in improved quality of the pack.

Gains were made during 1959 in the industrial fishery by producers of fish meals, oils, and animal foods. Landings of trawl-caught industrial fish were slightly less than in 1958, however, an increase of nearly 39 million pounds in the catch of menhaden established the total catch of industrial fish at a figure above that of the previous year. In the years since World War II, the fishery has become an important part of the New England fishery economy. Late in 1959 there was a drastic break in the world fish meal and soluble market which caused prices to decline sharply. Production was curtailed by the closing of plants due to depressed market conditions brought about by a record 1959 United States catch of menhaden, heavy imports of fish meal, and a falling off in the demand for these products from the live-stock and poultry industries. Year-end inventories were high and producers experienced difficulty in moving stocks even at reduced prices.

The sea scallop industry enjoyed a successful year with record landings of sea scallop meats (20 million pounds valued at nearly 10 million dollars). Average prices paid were about the same as in the previous year. The productive scallop grounds were located on Georges Bank. It was reported that the mollusks were so plentiful at times that a five to ten minute tow would fill the dredges. Many trips of 11 to 12 thousand pounds of scallop meats were taken in only three-days fishing time.

During 1959 considerable progress was made in establishing a New England tuna fishery. Eight years earlier in 1951 a New England bluefin tuna fishing project was initiated by the Bureau to determine the feasibility of establishing a commercial tuna fishing industry in the New England region. This species is known to appear in commercial numbers off the New England Coast and recent studies by the Bureau's exploratory fishing vessel, Delaware, revealed that bluefin tuna are abundant in the ocean southeast of New England. Although for many years no extensive organized effort had been made to exploit this New England coastal resource, it has been subjected to local fishing by small boats and pound nets. Previous fishing by purse seiners on a basis approaching commercial production was carried on during the summers of 1938, 1939, and 1940.

Sponsored by or in cooperation with the Bureau of Commercial Fisheries, the purse seiners, Western Explorer in 1951 and the Western Pride in 1953, engaged in tuna fishing off the New England Coast. By 1954, it had been established that bluefin tuna could be taken in commercial quantities during the summer months with purse seine or long-line gear. The Bureau offered to lend fishermen necessary fishing gear and provide technical advice for fishing tuna, providing that records of the catches, and other pertinent information be made available to the public.

However, the resource was untapped until 1958 when a Provincetown, Massachusetts fisherman with a medium otter trawler, Silver Mink, became interested in the project and accepted the Bureau's offer. During the first season of operation, catches of sufficient size by purse seine were made which indicated the commercial feasibility of this fishery. During 1958, a total of 179 tons of bluefin tuna were landed. The Silver Mink recommenced the cooperative tuna seining operation in 1959 again using the Bureau-owned equipment. Approximately 750 tons were taken during the season. The success of this venture prompted other vessels to borrow Bureau long-line gear and experiment in the fishery. Two small vessels and one larger vessel were quite successful on the few trips made. Since then some New England plants and vessel owners have indicated an interest in canning tuna if a commercial fishery developed in New England. The extent of the commercial bluefin tuna resource available to the New England fishing industry has yet to be thoroughly evaluated. However, it was believed that an expanded tuna fishery could contribute substantially to the economy of the area.

One of the more serious problems in the New England fisheries is the lack of new vessel construction. In 1959 there were not enough vessels constructed to provide necessary replacements to keep the fleets in first-class condition. New Bedford's scallop fleet was the only major fishery active in new vessel constructions. Vessel owners in most other New England fisheries claimed that the lack of profit in present operations and high construction costs, made replacement of vessels highly speculative. The loan fund, authorized by the Fish and Wildlife Act of 1956, was used in 1959 by owners of 14 vessels who received loans of nearly 302 thousand dollars.

The Federal Government and other organizations took action in 1959 which could be expected to assist the New England fishing industry in various ways. The use of an antibiotic to aid in keeping fresh-caught fish and shellfish in sound condition was authorized by the U. S. Food and Drug Administration. The State of Massachusetts approved a law to regulate the storage and transportation of all types of frozen foods, including fishery products. This law was modeled after a code approved by the Association of Food and Drug Officials of the United States. The Governor of Massachusetts recommended the establishment of an advisory commission on marine fisheries to design programs to assist commercial fisheries of that State. The seafood merchandising clinic for retail stores was conducted again in 1959 by the Massachusetts Division of Marine Fisheries and the U. S. Bureau of Commercial Fisheries.

The Bureau's Technological Laboratory and office building in Gloucester, Massachusetts, was completed in 1959. The more modern laboratory facilities enabled technologists to better carry on their work. Among the activities carried on by the staff during 1959 were: development of standards for grading fishery products; tests with refrigerated sea water for holding fresh whiting; further tests on sanitary methods for unloading vessels; methods to detect bones in fishery products; and assistance in the development of a frozen food code. All of these programs were designed to improve the quality of New England fishery products.

The new Bureau of Commercial Fisheries Biological Laboratory at Woods Hole, Massachusetts, was nearly completed at the end of 1959. The new headquarters will provide improved facilities for the Bureau's fishery research biologists in their investigations of the North Atlantic fisheries. As in previous years, the research program of the Laboratory during 1959 was directed primarily towards problems associated with groundfish and sea scallops upon which much of the New England fishing industry depends. Major investigations have centered around cod, haddock, ocean perch, whiting, flounders, and species taken in the industrial trawl fishery.

Shellfish research was primarily devoted to attacking the problems of control of injurious predators such as green crabs, oyster drills, channeled whelks, and starfish; location of new sources and methods of collection of clam and oyster seed; and the development of artificial propagation methods.

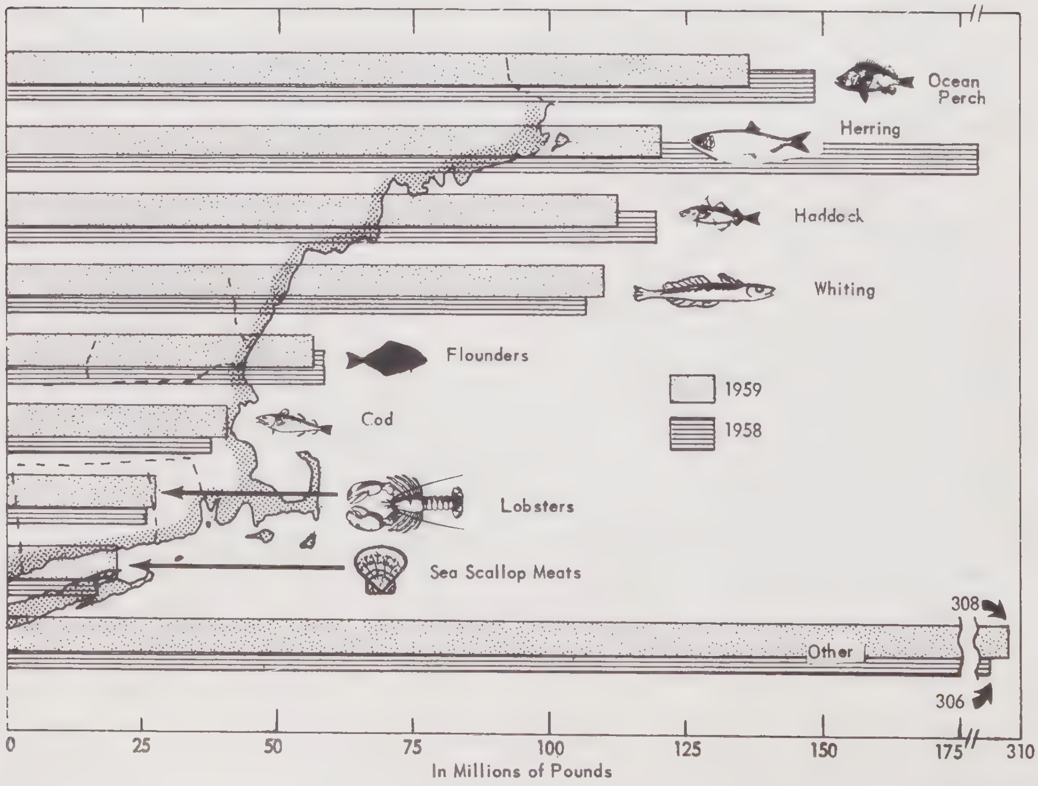
The research vessel, Albatross III, which the Bureau has operated sporadically since 1948, was deactivated early in 1959. The advanced age of the vessel and resulting high maintenance costs made it uneconomical to operate further. Plans were made to replace it with a modern research vessel. Until the Laboratory acquires a new vessel, the research program at sea will be conducted on the Bureau's trawler, Delaware, and on chartered commercial vessels.

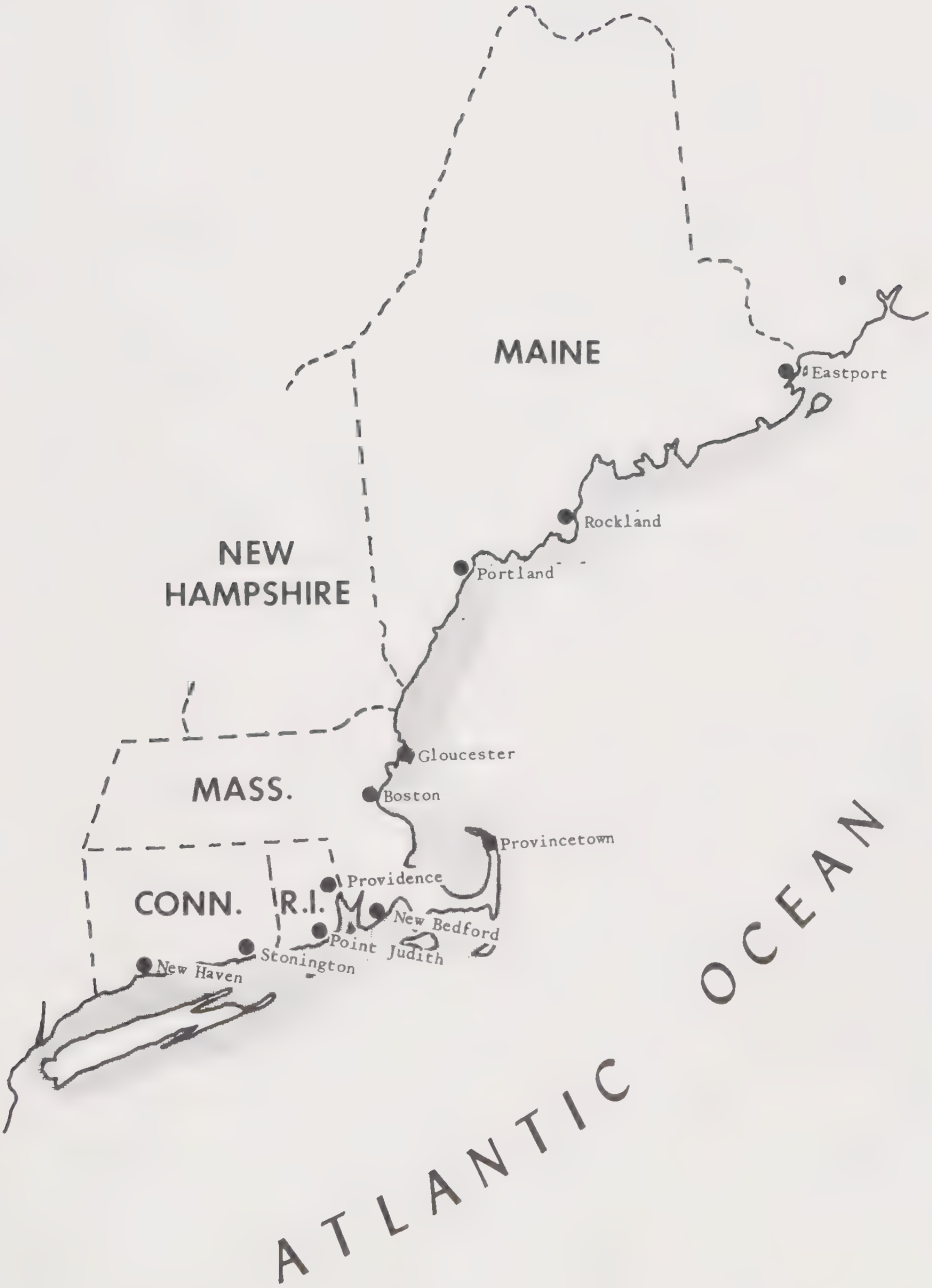
The Bureau's exploratory fishing staff in 1959 conducted a number of trips on the Delaware exploring new grounds and testing new types of gear. Successful development and testing of air-bubble equipment designed to direct sea herring (sardines) from areas inaccessible to conventional gear into accessible areas where the fish could be caught easily was carried on in Maine waters. Experiments with electrical fishing were conducted and underwater television was employed to test the results of the experiments on gear usage. The staff also gave considerable technical advice to fishermen on tuna fishing by long line and purse seine in addition to lending gear. The Bureau's fishing vessel safety program for New England fishing vessels brought results in 1959. Demonstrations of various safety equipment were conducted at many ports. The program is designed to aid the industry in removing hazards and unsafe conditions, which will ultimately lead to lower insurance rates on New England's fishing vessels.

The Bureau appreciates the assistance of the following organizations in the collection of the data appearing in this section: The Maine Department of Sea and Shore Fisheries; the New Hampshire Fish and Game Department; the Massachusetts Department of Natural Resources, Division of Marine Fisheries; the Rhode Island Department of Agriculture and Conservation; Division of Fish and Game; the Connecticut State Board of Fisheries and Game; and the Connecticut State Shell Fish Commission.

The following tables contain summarized and detailed information on the 1959 operating units and catch of fisheries in the New England States. Condensed summary data on the operating units and catch by States of the New England area, appearing on the following pages, have been previously published in Current Fishery Statistics No. 2260. Additional data on many aspects of the New England fisheries may be found in the Maine, Massachusetts, and Rhode Island monthly and annual landing bulletins released by the Branch of Statistics and in daily, monthly, and annual reports published by the Bureau's Fishery Market New Service, Commonwealth Pier, Boston, Massachusetts.

NEW ENGLAND CATCH OF CERTAIN SPECIES, 1959 - 1958




MAINE
Eastport
Rockland
Portland
NEW HAMPSHIRE
Gloucester
Boston
MASS.
Provincetown
Providence
CONN.
R.I.
New Bedford
Point Judith
Stonington
New Haven
ATLANTIC OCEAN

NEW ENGLAND STATES

NEW ENGLAND FISHERIES

SECTIONAL SUMMARIES

SUMMARY OF CATCH, 1959

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

STATE	FISH		SHELLFISH, ETC.		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
MAINE	237,602	6,303	28,356	13,268	265,958	19,571
NEW HAMPSHIRE	120	16	911	398	1,031	414
MASSACHUSETTS	508,553	27,701	29,061	13,169	537,614	40,870
RHODE ISLAND	113,136	2,418	4,657	1,867	117,793	4,285
CONNECTICUT	9,645	357	1,165	739	10,810	1,096
TOTAL	869,056	36,795	64,150	29,441	933,206	66,236

SUMMARY OF OPERATING UNITS, 1959

ITEM	MAINE	NEW HAMPSHIRE	MASSA-CHUSETTS	RHODE ISLAND	CONNECT-ICUT	TOTAL, EXCLUSIVE OF DUPLI-CATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS	626	-	3,718	366	176	4,501
ON BOATS AND SHORE:						
REGULAR	5,724	79	881	401	119	7,204
CASUAL	3,525	236	4,366	583	636	9,346
TOTAL	9,875	315	8,965	1,350	931	21,051
VESSELS, MOTOR	154	-	521	100	60	758
NET TONNAGE	5,096	-	20,980	1,602	1,050	26,282
BOATS:						
MOTOR	6,580	177	2,412	891	647	10,703
OTHER	332	7	281	16	38	674
ACCESSORY BOATS	34	-	88	51	3	167
GEAR:						
HAUL SEINES, COMMON	-	-	6	3	10	19
LENGTH, YARDS	-	-	225	600	818	1,643
STOP SEINES	107	-	-	-	-	107
LENGTH, YARDS	48,150	-	-	-	-	48,150
PURSE SEINES:						
MACKEREL	3	-	1	-	-	4
LENGTH, YARDS	1,000	-	350	-	-	1,350
MENHADEN	-	-	16	5	-	17
LENGTH, YARDS	-	-	7,375	1,600	-	7,600
TUNA	-	-	1	-	-	1
LENGTH, YARDS	-	-	450	-	-	450
BAG NETS	7	-	-	-	-	7
OTTER TRAWLS, FISH	148	-	428	82	65	662
YARDS AT MOUTH	3,258	-	11,392	2,048	1,259	16,344
WEIRS	129	5	-	-	-	134
POUND NETS, FISH	-	-	67	-	-	67
FLOATING TRAPS	8	-	18	16	-	42
FYKE NETS, FISH	-	-	-	24	8	32
POTS AND TRAPS:						
CONCH	-	-	90	735	205	1,030
CRAB	-	-	110	1,133	-	1,243
EEL	-	-	160	356	320	836
LOBSTER	721,566	14,950	89,431	12,297	7,588	845,832
BOX TRAPS	5	-	-	-	-	5
GILL NETS:						
ANCHOR	4	-	32	-	-	35
SQUARE YARDS	50,400	-	114,500	-	-	154,900
DRIFT:						
SHAD	-	-	-	-	59	59
SQUARE YARDS	-	-	-	-	85,845	85,845
OTHER	1	2	14	-	1	18
SQUARE YARDS	4,500	4,500	86,000	-	2,110	97,110
STAKE	6	-	-	-	10	16
SQUARE YARDS	360	-	-	-	1,913	2,273
LINES:						
HAND	220	300	1,217	172	33	1,942
HOOKS	297	550	1,347	322	33	2,549
TROLL	-	-	10	53	-	63
HOOKS	-	-	10	53	-	63
LONG OR SET WITH HOOKS	61	-	70	7	-	138
HOOKS	223,500	-	171,945	10,080	-	405,525

(CONTINUED ON NEXT PAGE)

NEW ENGLAND FISHERIES

SUMMARY OF OPERATING UNITS, 1959 - Continued

ITEM	MAINE	NEW HAMPSHIRE	MASSA-CHUSETTS	RHODE ISLAND	CONNECT-ICUT	TOTAL, EXCLUSIVE OF DUPLI-CATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
GEAR - CONTINUED:						
DIP NETS, COMMON	163	-	157	3	500	823
HARPOONS	25	-	89	38	3	150
SPEARS	-	-	5	-	-	5
DREDGES:						
CLAM	-	-	31	48	5	84
YARDS AT MOUTH	-	-	29	48	5	82
MUSSEL	-	-	-	2	-	2
YARDS AT MOUTH	-	-	-	3	-	3
OYSTER, COMMON	2	-	11	-	25	38
YARDS AT MOUTH	2	-	14	-	35	51
SCALLOP	62	-	1,347	118	4	1,528
YARDS AT MOUTH	90	-	1,515	96	3	1,683
TONGS:						
OYSTER	-	-	22	7	16	45
OTHER	-	-	233	629	14	876
RAKES, OTHER THAN FOR OYSTERS	21	-	497	210	-	728
HOES	2,223	20	797	2	-	3,042
FORKS	-	-	16	-	-	16
DIVING OUTFITS	-	-	399	-	-	399

CATCH BY STATES, 1959

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	MAINE		NEW HAMPSHIRE		MASSACHUSETTS	
FISH	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
ALEWIVES	1,631	19	80	1	11,618	119
ANCHOVIES	-	-	-	-	2	(1)
ANGLERFISH	-	-	-	-	5	(1)
BLUEFISH	-	-	-	-	5	1
BONITO	-	-	-	-	11	1
BUTTERFISH	47	5	-	-	2,141	146
COD	2,694	144	-	-	36,576	2,572
CUSK	595	31	-	-	1,651	88
EELS:						
COMMON	17	3	5	1	13	2
CONGER	-	-	-	-	(1)	(1)
FLOUNDERS:						
GRAY SOLE	795	86	-	-	2,101	297
LEMON SOLE	1	(1)	-	-	1,827	348
YELLOWTAIL	113	10	-	-	25,932	2,887
BLACKBACK	341	19	-	-	10,214	1,284
DAB	871	45	-	-	2,253	248
FLUKE	-	-	-	-	4,524	1,005
TOTAL FLOUNDERS	2,121	160	-	-	46,851	6,069
HADDOCK	3,405	303	-	-	109,101	10,626
HAKE:						
RED	-	-	-	-	3,899	48
WHITE	1,810	73	-	-	3,321	175
HALIBUT	97	25	-	-	202	50
HERRING:						
ROUND	-	-	-	-	1	(1)
SEA	117,150	1,880	-	-	3,245	40
LAUNCE	-	-	-	-	480	21
MACKEREL	531	37	11	2	2,839	330
MENHADEN	-	-	-	-	36,585	505
OCEAN PERCH	75,225	3,116	-	-	61,478	2,549
OCEAN POUT	-	-	-	-	170	3
POLLOCK	3,689	113	-	-	20,824	868
SALMON	(1)	(1)	-	-	(1)	(1)
SCUP OR PORGY	-	-	-	-	1,428	63
SEA BASS	-	-	-	-	62	8
SHAD	2	(1)	-	-	1,383	21

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

CATCH BY STATES, 1959 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	MAINE		NEW HAMPSHIRE		MASSACHUSETTS	
FISH - CONTINUED	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
SHARKS:						
GRAYFISH	760	6	-	-	-	-
UNCLASSIFIED	5	(1)	-	-	24	1
TOTAL SHARKS	765	6	-	-	24	1
SKATES	-	-	-	-	51	2
SMELT	68	21	24	12	-	-
STRIPED BASS	-	-	-	-	81	19
STURGEON	1	(1)	-	-	9	1
SWORDFISH	1	(1)	-	-	1,178	304
TAUTOG	-	-	-	-	27	1
THIMBLE-EYED MACKEREL	-	-	-	-	138	3
TILEFISH	-	-	-	-	394	58
TUNA, BLUEFIN	62	5	-	-	2,658	145
WHITING	23,339	330	-	-	83,134	1,682
WOLFFISH	103	3	-	-	1,031	59
UNCLASSIFIED:						
FOR FOOD	39	1	-	-	7,423	535
BAIT, REDUCTION, AND ANIMAL FOOD	4,210	28	-	-	68,514	586
TOTAL FISH	237,602	6,303	120	16	508,553	27,701
SHELLFISH, ETC.						
CRABS, ROCK, TOTAL	1,358	55	50	4	212	21
LOBSTERS, NORTHERN	22,329	11,253	855	389	3,528	1,829
SHRIMP	12	4	-	-	5	1
CLAMS:						
HARD:						
PUBLIC	160	90	-	-	1,545	699
PRIVATE	-	-	-	-	74	57
RAZOR	-	-	-	-	37	10
SOFT, PUBLIC	1,451	548	-	-	810	527
SURF	-	-	-	-	2	1
TOTAL CLAMS	1,611	638	-	-	2,468	1,294
CONCHS	-	-	-	-	17	2
MUSSELS, SEA	24	2	-	-	189	15
OYSTERS, MARKET:						
PUBLIC:						
SPRING	4	2	-	-	6	6
FALL	-	-	-	-	16	13
PRIVATE:						
SPRING	-	-	-	-	45	64
FALL	-	-	-	-	51	80
TOTAL OYSTERS	4	2	-	-	118	163
PERIWINKLES AND COCKLES	34	11	-	-	-	-
SCALLOPS:						
BAY	-	-	-	-	421	501
SEA	1,134	576	-	-	19,109	9,242
SEA URCHINS	108	6	-	-	-	-
SQUID	-	-	-	-	1,686	71
IRISH MOSS	775	15	-	-	1,305	27
BLOODWORMS	428	372	4	3	-	-
SANDWORMS	539	334	2	2	3	3
TOTAL SHELLFISH, ETC.	28,356	13,268	911	398	29,061	13,169
GRAND TOTAL	265,958	19,571	1,031	414	537,614	40,870

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

CATCH BY STATES, 1959 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	RHODE ISLAND		CONNECTICUT		TOTAL	
FISH	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
ALEWIVES	341	3	8	(1)	13,678	142
AMBERJACK	1	(1)	-	-	1	(1)
ANCHOVIES	38	3	-	-	40	3
ANGLERFISH	6	(1)	-	-	11	(1)
BLUEFISH	20	3	6	1	31	5
BONITO	86	7	-	-	97	8
BUTTERFISH	2,266	196	85	7	4,539	354
CARP	-	-	1	(1)	1	(1)
COD	1,246	103	242	23	40,758	2,842
CREVALLE	10	1	-	-	10	1
CUSK	(1)	(1)	-	-	2,246	119
EELS:						
COMMON	26	4	16	3	77	13
CONGER	15	1	-	-	15	1
FLOUNDERS:						
GRAY SOLE	18	2	-	-	2,914	385
LEMON SOLE	4	1	8	1	1,840	350
YELLOWTAIL	3,012	322	139	15	29,196	3,234
BLACKBACK	2,260	163	849	60	13,664	1,526
DAB	10	1	3	(1)	3,137	294
FLUKE	1,070	191	320	58	5,914	1,254
TOTAL FLOUNDERS	6,374	680	1,319	134	56,665	7,043
FRIGATE MACKEREL	1	(1)	-	-	1	(1)
HADDOCK	116	9	-	-	112,622	10,938
HAKE:						
RED	17	1	-	-	3,916	49
WHITE	18	1	-	-	5,149	249
HALIBUT	(1)	(1)	-	-	299	75
HERRING:						
ROUND	-	-	-	-	1	(1)
SEA	258	13	81	4	120,734	1,937
KING WHITING OR "KINGFISH"	1	(1)	-	-	1	(1)
LAUNCE	-	-	-	-	480	21
MACKEREL	270	47	13	2	3,664	418
MENHADEN	16,245	195	21	(1)	52,851	700
OCEAN PERCH	-	-	-	-	136,703	5,665
OCEAN POUT	-	-	-	-	170	3
POLLOCK	22	1	-	-	24,535	982
SALMON	-	-	-	-	(1)	(1)
SCUP OR PORGY	6,361	291	1,347	62	9,136	416
SEA BASS	183	27	37	5	282	40
SEA ROBIN	220	4	7	(1)	227	4
SEA TROUT OR WEAKFISH, GRAY	1	(1)	1	(1)	2	(1)
SHAD	3	(1)	401	52	1,789	73
SHARKS:						
GRAYFISH	-	-	3	(1)	763	6
UNCLASSIFIED	3	(1)	2	(1)	34	1
TOTAL SHARKS	3	(1)	5	(1)	797	7
SKATES	12	(1)	16	(1)	79	2
SMELT	-	-	-	-	92	33
SPANISH MACKEREL	(1)	(1)	-	-	(1)	(1)
STRIPED BASS	31	7	8	2	120	28
STURGEON	2	(1)	2	(1)	14	1
SUCKERS	-	-	(1)	(1)	(1)	(1)
SWELLFISH	7	(1)	-	-	7	(1)
SWORDFISH	206	60	12	5	1,397	369
TAUTOG	52	2	19	1	98	4
THIMBLE-EYED MACKEREL	151	4	-	-	289	7
TILEFISH	335	44	-	-	729	102
TUNA, BLUEFIN	61	4	-	-	2,781	154
WHITE PERCH	6	1	-	-	6	1
WHITING	3,126	83	545	15	110,144	2,110
WOLFFISH	-	-	-	-	1,134	62
UNCLASSIFIED:						
FOR FOOD	26	2	160	8	7,648	546
BAIT, REDUCTION, AND ANIMAL FOOD	74,973	621	5,293	33	152,990	1,268
TOTAL FISH	113,136	2,418	9,645	357	869,056	36,795

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

CATCH BY STATES, 1959 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	RHODE ISLAND		CONNECTICUT		TOTAL	
SHELLFISH, ETC.	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
CRABS:						
BLUE, HARD	-	-	2	(1)	2	(1)
ROCK	264	30	-	-	1,884	110
TOTAL CRABS.	264	30	2	(1)	1,886	110
LOBSTERS, NORTHERN	445	259	236	144	27,393	13,874
SHRIMP	-	-	-	-	17	5
CLAMS:						
HARD:						
PUBLIC	2,737	1,434	360	108	4,802	2,331
PRIVATE.	-	-	-	-	74	57
OCEAN QUAHOG	95	10	-	-	95	10
RAZOR.	-	-	-	-	37	10
SOFT, PUBLIC	4	1	-	-	2,265	1,076
SURF	-	-	-	-	2	1
TOTAL CLAMS.	2,836	1,445	360	108	7,275	3,485
CONCHS	86	16	22	3	125	21
MUSSELS, SEA	270	40	-	-	483	57
OYSTERS, MARKET:						
PUBLIC:						
SPRING	2	1	7	5	19	14
FALL	4	3	-	-	20	16
PRIVATE:						
SPRING	-	-	94	102	139	166
FALL	-	-	158	178	209	258
TOTAL OYSTERS.	6	4	259	285	387	454
PERIWINKLES AND COCKLES. . . .	-	-	-	-	34	11
SCALLOPS:						
BAY.	6	7	164	192	591	700
SEA.	16	7	-	-	20,259	9,825
SEA URCHINS.	-	-	-	-	108	6
SQUID.	728	59	122	7	2,536	137
IRISH MOSS	-	-	-	-	2,080	42
BLOODWORMS	-	-	-	-	432	375
SANDWORMS.	-	-	-	-	544	339
TOTAL SHELLFISH, ETC.. .	4,657	1,867	1,165	739	64,150	29,441
GRAND TOTAL.	117,793	4,285	10,810	1,096	933,206	66,236

1/ LESS THAN 500 POUNDS OR 500 DOLLARS.

HADDOCK

CATCH OF CERTAIN SHELLFISH, 1959

(NUMBER AND BUSHELS)

SPECIES		MAINE		NEW HAMPSHIRE	
		QUANTITY	VALUE	QUANTITY	VALUE
CRABS, ROCK	NUMBER	4,075,500	$54,964	150,000	$4,000
CLAMS:					
HARD, PUBLIC.	U. S. STANDARD BUSHELS	14,573	89,677	-	-
SOFT, PUBLIC.	DO	96,707	547,789	-	-
MUSSELS, SEA.	DO	1,607	1,705	-	-
OYSTERS, MARKET, PUBLIC,					
SPRING	DO	480	2,205	-	-
PERIWINKLES AND COCKLES . .	DO	1,906	11,090	-	-
SCALLOPS, SEA	DO	188,917	575,476		

SPECIES		MASSACHUSETTS		RHODE ISLAND	
		QUANTITY	VALUE	QUANTITY	VALUE
CRABS, ROCK	NUMBER	847,600	$20,644	792,000	$30,070
CLAMS:					
HARD:					
PUBLIC.	U. S. STANDARD BUSHELS	140,473	698,425	228,083	1,434,132
PRIVATE	DO	6,709	56,825	-	-
OCEAN QUAHOG.	DO	-	-	9,540	9,541
RAZOR	DO	2,338	10,415	-	-
SOFT, PUBLIC.	DO	62,285	527,035	175	1,500
SURF.	DO	227	690	-	-
CONCHS.	DO	1,120	2,205	5,740	16,222
MUSSELS, SEA.	DO	18,940	14,672	27,010	40,314
OYSTERS, MARKET:					
PUBLIC:					
SPRING.	DO	1,000	6,200	257	1,362
FALL.	DO	2,415	13,280	571	3,065
PRIVATE:					
SPRING.	DO	6,892	63,626	-	-
FALL.	DO	7,831	79,738	-	-
SCALLOPS:					
BAY	DO	70,167	500,990	1,033	7,378
SEA	DO	3,184,867	9,242,108	2,733	7,295

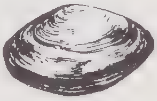
SPECIES		CONNECTICUT		TOTAL	
		QUANTITY	VALUE	QUANTITY	VALUE
CRABS:					
BLUE, HARD.	NUMBER	4,800	$391	4,800	$391
ROCK.	DO	-	-	5,865,100	109,678
CLAMS:					
HARD:					
PUBLIC.	U. S. STANDARD BUSHELS	29,967	108,320	413,096	2,330,554
PRIVATE	DO	-	-	6,709	56,825
OCEAN QUAHOG.	DO	-	-	9,540	9,541
RAZOR	DO	-	-	2,338	10,415
SOFT, PUBLIC.	DO	-	-	159,167	1,076,324
SURF.	DO	-	-	227	690
CONCHS.	DO	1,105	2,705	7,965	21,132
MUSSELS, SEA.	DO	-	-	47,557	56,691
OYSTERS, MARKET:					
PUBLIC:					
SPRING.	DO	909	4,641	2,646	14,408
FALL.	DO	-	-	2,986	16,345
PRIVATE:					
SPRING.	DO	12,221	101,922	19,113	165,548
FALL.	DO	20,480	177,589	28,311	257,327
PERIWINKLES AND COCKLES . .	DO	-	-	1,906	11,090
SCALLOPS:					
BAY	DO	26,516	191,824	97,716	700,192
SEA	DO	-	-	3,376,517	9,824,879

NOTE:--THE CAPACITY OF A U. S. STANDARD BUSHEL IS 2,150.4 CUBIC INCHES.

AVERAGE WEIGHTS OF CERTAIN SHELLFISH, 1959

SPECIES		MAINE	NEW HAMPSHIRE	MASSA-CHUSETTS	RHODE ISLAND	CONNECT-ICUT
		QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
CRABS:						
BLUE, HARD	NUMBER PER POUND	-	-	-	-	2.40
ROCK	DO	3.00	3.00	4.00	3.00	-
CLAMS:						
HARD:						
PUBLIC	LBS. OF MEATS PER U.S. STANDARD BUSHEL	11.00	-	11.00	12.00	12.00
PRIVATE.	DO	-	-	11.00	-	-
OCEAN QUAHOG	DO	-	-	-	10.00	-
RAZOR.	DO	-	-	16.00	-	-
SOFT, PUBLIC	DO	15.00	-	13.00	20.00	-
SURF	DO	-	-	11.00	-	-
CONCHS	DO	-	-	15.00	15.00	20.00
MUSSELS, SEA	DO	15.00	-	10.00	10.00	-
OYSTERS, MARKET:						
PUBLIC:						
SPRING	DO	7.50	-	6.50	7.00	7.70
FALL	DO	-	-	6.50	7.00	-
PRIVATE:						
SPRING	DO	-	-	6.50	-	7.70
FALL	DO	-	-	6.50	-	7.70
PERIWINKLES AND COCKLES.	DO	18.00	-	-	-	-
SCALLOPS:						
BAY.	DO	-	-	6.00	6.00	6.20
SEA.	DO	6.00	-	6.00	6.00	-

NOTE:--THE CAPACITY OF A U. S. STANDARD BUSHEL IS 2,150.4 CUBIC INCHES.



SOFT CLAM

TRANSPORTING, WHOLESALING, AND MANUFACTURING, 1959

ITEM	MAINE	NEW HAMPSHIRE	MASSA-CHUSETTS	RHODE ISLAND	CONNECT-ICUT	TOTAL
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
TRANSPORTING:						
PERSONS ENGAGED:						
ON VESSELS	170	-	-	-	-	170
VESSELS, MOTOR	86	-	-	-	-	86
NET TONNAGE.	1,586	-	-	-	-	1,586
WHOLESALING AND MANUFACTURING:						
ESTABLISHMENTS	258	18	226	35	16	553
PERSONS ENGAGED:						
AVERAGE FOR SEASON	6,500	176	6,147	354	176	13,353
AVERAGE FOR YEAR	3,228	115	4,791	268	155	8,557
FISHERMEN MANUFACTURING.	373	-	-	51	-	424

NOTE: BOATS AND VESSELS ENGAGED IN TRANSPORTING AND FISHING ARE INCLUDED ONLY AS FISHING CRAFT. ALL PERSONS SHOWN ON TRANSPORTERS ENGAGED IN FISHING AND TRANSPORTING HAVE ALSO BEEN INCLUDED AS FISHERMEN.

MANUFACTURED FISHERY PRODUCTS, 1959

ITEM		MAINE		NEW HAMPSHIRE		MASSACHUSETTS	
		QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
ALEWIVES, SMOKED	POUNDS	39,837	$2,305	-	-	-	-
COD:							
FILLETS:							
FRESH	DO	71,600	16,610	-	-	3,155,672	$902,670
FROZEN	DO	48,478	10,726	-	-	2,492,509	588,152
STEAKS, FROZEN	DO	-	-	-	-	33,310	10,150
CUSK FILLETS:							
FRESH	DO	70,000	26,300	-	-	246,540	73,580
FROZEN	DO	-	-	-	-	45,581	11,793
FLOUNDER FILLETS:							
FRESH	DO	17,100	5,826	-	-	8,570,725	3,475,887
FROZEN	DO	-	-	-	-	2,812,534	908,644
HADDOCK FILLETS:							
FRESH	DO	478,000	177,125	-	-	15,141,283	5,298,448
FROZEN	DO	52,838	13,459	-	-	13,826,523	4,217,891
HAKE FILLETS, FRESH	DO	241,350	66,660	-	-	155,947	41,233
HALIBUT STEAKS, FROZEN	DO	-	-	-	-	892,899	371,884
HERRING, SEA:							
SARDINES, CANNED	STANDARD CASES	1,753,145	14,902,142	-	-	-	-
CURED (SALTED, SMOKED AND KIPPERED)	POUNDS	375,360	117,696	-	-	335,400	127,028
MEAL AND DRY SCRAP	TONS	3,519	426,426	-	-	-	-
OIL	GALLONS	180,900	71,950	-	-	-	-
MACKEREL FILLETS:							
FRESH	POUNDS	-	-	-	-	12,115	4,134
FROZEN	DO	-	-	-	-	43,400	14,220
OCEAN PERCH FILLETS:							
FRESH	DO	401,060	100,265	-	-	305,637	86,850
FROZEN	DO	20,770,400	5,176,322	-	-	17,271,984	4,071,470
POLLOCK FILLETS:							
FRESH	DO	200,600	35,850	-	-	1,841,292	358,665
FROZEN	DO	596,357	91,146	-	-	5,754,136	889,252
SALMON STEAKS, FROZEN	DO	-	-	-	-	94,200	62,192
SWORDFISH STEAKS, FROZEN	DO	-	-	-	-	132,894	70,654
WHITING FILLETS:							
FRESH	DO	-	-	-	-	13,108	2,408
FROZEN	DO	974,812	150,040	-	-	3,596,359	645,126
WOLFFISH FILLETS:							
FRESH	DO	-	-	-	-	10,373	3,630
FROZEN	DO	-	-	-	-	198,078	61,137
CRABMEAT, COOKED	DO	130,836	163,665	-	-	89,750	144,130
LOBSTER MEAT, COOKED (NORTHERN LOBSTERS)	DO	247,716	737,472	100,736	$249,425	609,702	1,894,503
SHRIMP, COOKED (BREADED)	DO	-	-	-	-	178,769	241,000
CLAMS:							
SHUCKED:							
HARD (INCLUDES SURF, RAZOR, AND OCEAN QUAHOGS)	GALLONS	-	-	-	-	144,748	544,386
SOFT	DO	88,066	555,476	93,332	594,195	176,331	1,117,871
CANNED, SOFT (INCLUDING SURF):							
WHOLE AND MINCED	STANDARD CASES	9,904	178,688	-	-	-	-
CHOWDER AND JUICE	DO	21,585	124,606	-	-	-	-
OYSTERS, SHUCKED	GALLONS	-	-	-	-	20	260
SCALLOPS, BAY, SHUCKED	DO	-	-	-	-	48,114	517,000
SCALLOPS, SEA, BREADED (FROZEN):							
RAW	POUNDS	-	-	-	-	269,340	196,618
COOKED	DO	1,274,040	1,184,857	-	-	5,531,419	5,144,220
UNCLASSIFIED PRODUCTS:							
FROZEN:							
FISH STICKS, BREADED:							
RAW	DO	-	-	-	-	607,923	239,225
COOKED	DO	(1)	(1)	-	-	36,503,784	17,343,459
FISH PORTIONS:							
RAW, BREADED	DO	(1)	(1)	-	-	6,349,695	2,492,051
COOKED, BREADED	DO	(1)	(1)	-	-	2,061,031	873,674
RAW, UNBREADED	DO	(1)	(1)	-	-	761,388	402,781
MISCELLANEOUS FISH AND SHELLFISH	DO	2/1,040,912	2/657,755	-	-	3/3,900,840	3/1,809,229
CANNED:							
FISH AND SHELLFISH 4/	STANDARD CASES	541,247	4,339,419	-	-	78,098	1,182,939
ANIMAL FOOD	DO	739,248	4,421,676	-	-	1,291,860	6,952,339
SALTED AND SMOKED FISH	POUNDS	5/400,945	5/66,472	-	-	6/2,638,275	6/1,392,892
BYPRODUCTS 7/	-	-	4,309,681	-	-	-	5,535,140
TOTAL	-	-	38,130,615	-	843,620	-	70,320,815

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

MANUFACTURED FISHERY PRODUCTS, 1959 - Continued

ITEM		RHODE ISLAND		CONNECTICUT	
		QUANTITY	VALUE	QUANTITY	VALUE
FLOUNDER FILLETS:					
FRESH.	POUNDS	35,350	$14,140	-	-
FROZEN	DO	747,606	216,806	-	-
WHITING FILLETS, FROZEN.	DO	57,769	8,665	-	-
CLAMS:					
SHUCKED:					
HARD (INCLUDES SURF, RAZOR, AND OCEAN QUAHOGS).	GALLONS	203,451	740,615	-	-
SOFT	DO	2,600	14,950	-	-
OYSTERS, SHUCKED	DO	2,800	22,400	4,134	$35,139
SCALLOPS, BAY, SHUCKED	DO	686	9,000	18,743	192,000
UNCLASSIFIED PRODUCTS:					
CANNED, FISH AND SHELLFISH 4/.	STANDARD CASES	20,626	137,879	1,460	20,000
BYPRODUCTS 7/.	-	-	1,568,239	-	852,500
TOTAL.	-	-	2,732,694	-	1,099,639

1/ INCLUDED WITH FROZEN "MISCELLANEOUS FISH AND SHELLFISH".

2/ INCLUDES FROZEN FISH DINNERS, FISH STICKS, FISH PORTIONS, LOBSTER PIE, LOBSTER STEW, CLAM CAKES, AND CLAM STICKS.

3/ INCLUDES FROZEN CODFISH CAKES, FLOUNDER IN SAUCE, OCEAN POUT FILLETS, TUNA BLOCKS, TUNA LINKS, TUNA LOAF, FISH CAKES, FISH DINNERS, FISH CHIPS, UNCLASSIFIED FILLETS, LOBSTER SOUP, LOBSTER NEWBURG DINNERS, SHRIMP DINNERS, SHRIMP WITH SAUCE, CLAM CHIPS, SHUCKED OYSTERS, AND SCALLOP DINNERS.

4/ INCLUDES CANNED SALTED COD, SALMON SPREAD, BLUEFIN TUNA, TUNA WITH SHERRY, FINNAN HADDIE, FISH CAKES, FISH CHOWDER, FISH FLAKES, GROUNDFISH ROE, CRABMEAT, CRAB SPREAD, LOBSTER SPECIALTIES (BISQUE, DIP, KNUCKLES, MEAT, NEWBURG, PASTE, SPREAD), SHRIMP DIP, HARD AND SURF CLAMS (MINCED, DIP, SPREAD, BISQUE, CAKES, SAUCE, CHOWDER, STEW, IN SHELL) AND MUSSELS SMOKED IN OIL.

5/ INCLUDES SALTED ALEWIVES, COD, POLLOCK, AND GROUNDFISH; MISCELLANEOUS SPECIES SMOKED.

6/ INCLUDES SALTED COD, HAKE, AND POLLOCK; SMOKED BUTTERFISH, CHUB, COD, HADDOCK, MACKEREL, POLLOCK, SABLEFISH, SALMON AND WHITEFISH.

7/ INCLUDES MEAL OF GROUNDFISH, MENHADEN, OCEAN PERCH, AND UNCLASSIFIED SPECIES; OIL FROM MENHADEN, OCEAN PERCH, AND UNCLASSIFIED SPECIES; FISH SOLUBLES; GLUE; IRISH MOSS EXTRACT; KELP EXTRACT; MARINE PEARL-SHELL BUTTONS, AND PEARL ESSENCE.

NOTE:--SOME OF THE ABOVE PRODUCTS MAY HAVE BEEN MANUFACTURED FROM RAW PRODUCTS IMPORTED FROM ANOTHER STATE OR A FOREIGN COUNTRY, THEREFORE, THEY CANNOT BE CORRELATED DIRECTLY WITH THE CATCH WITHIN THE STATE.

SUMMARY OF PRODUCTION, BY COMMODITIES, 1959

SUMMARY OF ITEMS		QUANTITY	VALUE
PACKAGED PRODUCTS, FRESH AND FROZEN:			
NOT BREADED:			
FISH FILLETS AND STEAKS.	POUNDS	101,519,184	$28,296,708
SHELLFISH.	DO	8,030,209	7,532,487
BREADED:			
FISH	DO	46,020,520	21,190,093
SHELLFISH.	DO	7,253,568	6,766,695
SPECIALTIES (FISH AND SHELLFISH)	DO	5,095,388	2,611,383
CANNED:			
FISH	STANDARD CASES	3,954,479	28,501,641
SHELLFISH.	DO	502,694	3,758,047
CURED FISH:			
SALTED	POUNDS	1,903,170	677,268
SMOKED AND KIPPERED.	DO	1,886,647	1,029,125
BYPRODUCTS	-	-	12,763,936
TOTAL	-	-	113,127,383

SUMMARY OF VALUE, BY STATES, 1959

STATE	VALUE
MAINE.	$38,130,615
NEW HAMPSHIRE.	843,620
MASSACHUSETTS.	70,320,815
RHODE ISLAND	2,732,694
CONNECTICUT.	1,099,639
TOTAL	113,127,383

NEW ENGLAND FISHERIES
MAINE

OPERATING UNITS BY GEAR, 1959

ITEM	STOP SEINES	PURSE SEINES, MACKEREL	BAG NETS	OTTER TRAWLS, FISH	WEIRS
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS	86	13	-	446	-
ON BOATS AND SHORE:					
REGULAR	101	-	6	50	122
CASUAL	303	-	7	33	103
TOTAL	490	13	13	529	225
VESSELS, MOTOR	20	3	-	98	-
NET TONNAGE	204	30	-	4,344	-
BOATS:					
MOTOR	87	-	4	50	129
OTHER	141	-	-	-	129
ACCESSORY BOATS	29	5	-	-	-
GEAR:					
NUMBER	107	3	7	148	129
LENGTH, YARDS	48,150	1,000	-	-	-
YARDS AT MOUTH	-	-	-	3,258	-

ITEM	FLOATING TRAPS	POTS, LOBSTER	BOX TRAPS	GILL NETS	
				ANCHOR	DRIFT
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS	-	25	-	12	-
ON BOATS AND SHORE:					
REGULAR	8	4,457	-	-	4
CASUAL	8	2,028	5	-	-
TOTAL	16	6,510	5	12	4
VESSELS, MOTOR	-	25	-	4	-
NET TONNAGE	-	168	-	35	-
BOATS:					
MOTOR	8	6,384	4	-	1
OTHER	8	56	1	-	-
GEAR:					
NUMBER	8	721,566	5	4	1
SQUARE YARDS	-	-	-	50,400	4,500

ITEM	GILL NETS - CONTINUED	LINES		DIP NETS, COMMON	HARPOONS
	STAKE	HAND	LONG OR SET WITH HOOKS		
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS	-	12	3	-	-
ON BOATS AND SHORE:					
REGULAR	2	102	79	14	22
CASUAL	6	71	39	149	13
TOTAL	8	185	121	163	35
VESSELS, MOTOR	-	4	1	-	-
NET TONNAGE	-	38	10	-	-
BOATS:					
MOTOR	6	49	60	4	25
OTHER	-	8	-	5	-
GEAR:					
NUMBER	6	220	61	163	25
SQUARE YARDS	360	-	-	-	-
HOOKS	-	297	223,500	-	-

ITEM	DREDGES		RAKES, OTHER THAN FOR OYSTERS	HOES	BY HAND	TOTAL, EXCLUSIVE OF DUPLICATION
	OYSTER	SCALLOP				
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS	-	57	-	-	-	626
ON BOATS AND SHORE:						
REGULAR	3	50	-	1,128	31	5,724
CASUAL	-	27	21	1,095	24	3,525
TOTAL	3	134	21	2,223	55	9,875
VESSELS, MOTOR	-	9	-	-	-	154
NET TONNAGE	-	384	-	-	-	5,096
BOATS:						
MOTOR	2	49	21	-	-	6,580
OTHER	-	-	-	-	-	332
ACCESSORY BOATS	-	-	-	-	-	34
GEAR:						
NUMBER	2	62	21	2,223	-	-
YARDS AT MOUTH	2	90	-	-	-	-

MAINE - CATCH BY GEAR, 1959

SPECIES	STOP SEINES		PURSE SEINES		BAG NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
HERRING, SEA.	104,255,800	$1,664,538	-	-	-	-
MACKEREL.	-	-	12,000	$1,147	-	-
POLLOCK	229,200	1,834	-	-	-	-
SMELT	300	29	-	-	21,700	$7,899
UNCLASSIFIED, FOR BAIT, REDUCTION, AND ANIMAL FOOD	-	-	-	-	51,600	361
TOTAL.	104,485,300	1,666,401	12,000	1,147	73,300	8,260

SPECIES	OTTER TRAWLS		WEIRS		FLOATING TRAPS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BUTTERFISH.	1,300	$119	-	-	45,700	$4,555
COD	1,162,500	52,193	-	-	-	-
CUSK.	345,100	17,608	-	-	-	-
FLOUNDERS:						
GRAY SOLE	792,900	86,173	-	-	-	-
LEMON SOLE.	800	82	-	-	-	-
YELLOWTAIL.	112,800	9,703	-	-	-	-
BLACKBACK	340,500	18,915	-	-	-	-
DAB	864,100	45,107	-	-	-	-
HADDOCK	2,970,000	261,300	-	-	-	-
HAKE, WHITE	595,200	24,809	-	-	-	-
HALIBUT	70,500	16,540	-	-	-	-
HERRING, SEA.	-	-	12,883,700	$215,303	10,300	280
MACKEREL.	200	56	51,400	2,800	467,500	32,842
OCEAN PERCH	75,224,600	3,116,142	-	-	-	-
POLLOCK	1,878,800	61,195	-	-	-	-
SALMON.	-	-	-	-	300	194
SHARKS:						
GRAYFISH.	3,600	29	-	-	-	-
UNCLASSIFIED.	600	50	-	-	-	-
SMELT	-	-	1,400	285	-	-
STURGEON.	300	27	-	-	-	-
WHITING	23,338,100	329,790	-	-	-	-
WOLFFISH.	77,800	2,474	-	-	-	-
UNCLASSIFIED:				-	-	-
FOR FOOD.	25,100	1,070	-			
BAIT, REDUCTION, AND ANIMAL FOOD.	4,104,300	27,157	-	-	-	-
LOBSTERS, NORTHERN.	6,100	5,010	-	-	-	-
SHRIMP.	12,100	3,813	-	-	-	-
TOTAL.	111,927,300	4,079,362	12,936,500	218,388	523,800	37,871

SPECIES	POTS AND TRAPS		GILL NETS		LINES			
					HAND		LONG OR SET WITH HOOKS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
COD	-	-	907,400	$68,215	194,700	$6,707	429,400	$17,288
CUSK.	-	-	12,200	750	3,800	149	234,700	12,196
EELS, COMMON.	15,400	$3,238	-	-	-	-	-	-
FLOUNDERS:								
GRAY SOLE	-	-	1,900	200	-	-	100	7
YELLOWTAIL.	-	-	-	-	-	-	600	22
BLACKBACK	-	-	-	-	-	-	1,000	46
DAB	-	-	5,100	79	-	-	1,600	83
HADDOCK	-	-	243,900	23,964	2,100	164	188,700	17,483
HAKE, WHITE	-	-	367,300	21,613	3,600	178	844,600	26,909
HALIBUT	-	-	300	103	2,000	550	24,600	7,398
MACKEREL.	-	-	-	-	100	5	-	-
POLLOCK	-	-	1,386,500	44,819	95,100	2,447	99,400	2,879
SHAD	-	-	1,600	97	-	-	-	-
SHARKS:								
GRAYFISH.	-	-	640,500	5,059	-	-	115,500	945
UNCLASSIFIED.	-	-	4,100	117	-	-	100	10
SMELT	-	-	3,500	975	38,800	11,836	-	-

(CONTINUED ON NEXT PAGE)

MAINE - CATCH BY GEAR, 1959 - Continued

SPECIES	POTS AND TRAPS		GILL NETS		LINES			
					HAND		LONG OR SET WITH HOOKS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
STURGEON.	-	-	500	$88	-	-	-	-
TUNA, BLUEFIN	-	-	-	-	20,700	$1,603	-	-
WHITING	-	-	700	14	-	-	-	-
WOLFFISH.	-	-	25,300	982	-	-	400	$10
UNCLASSIFIED:								
FOR FOOD.	-	-	-	-	-	-	14,600	60
BAIT, REDUCTION, AND ANIMAL FOOD.	11,400	$80	15,200	130	-	-	27,500	232
CRABS, ROCK	1,358,500	54,964	-	-	-	-	-	-
LOBSTERS, NORTHERN.	22,322,700	11,247,676	-	-	-	-	-	-
TOTAL.	23,708,000	11,305,958	3,616,000	167,205	360,900	23,639	1,982,800	85,568

SPECIES	DIP NETS		HARPOONS		DREDGES	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES.	1,631,400	$18,795	-	-	-	-
EELS, COMMON.	1,400	125	-	-	-	-
SMELT	2,200	450	-	-	-	-
SWORDFISH	-	-	800	$175	-	-
TUNA, BLUEFIN	-	-	41,100	3,382	-	-
OYSTERS, PUBLIC, SPRING . .	-	-	-	-	3,600	$2,205
SCALLOPS, SEA	-	-	-	-	1,133,500	575,476
SEA URCHINS	108,000	5,996	-	-	-	-
TOTAL.	1,743,000	25,366	41,900	3,557	1,137,100	577,681

SPECIES	RAKES		HOES		BY HAND	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CLAMS, PUBLIC:						
HARD.	-	-	160,300	$89,677	-	-
SOFT.	-	-	1,450,600	547,789	-	-
MUSSELS, SEA.	-	-	24,100	1,705	-	-
PERIWINKLES AND COCKLES . .	-	-	-	-	34,300	$11,090
IRISH MOSS.	775,000	$14,975	-	-	-	-
BLOODWORMS.	-	-	427,600	371,816	-	-
SANDWORMS	-	-	538,700	334,285	-	-
TOTAL.	775,000	14,975	2,601,300	1,345,272	34,300	11,090

OCEAN PERCH

NEW ENGLAND FISHERIES

NEW HAMPSHIRE

OPERATING UNITS BY GEAR, 1959

ITEM	WEIRS	POTS, LOBSTER	GILL NETS, DRIFT	LINES, HAND	HOES	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:						
REGULAR	-	79	4	-	-	79
CASUAL	6	101	-	150	20	236
TOTAL	6	180	4	150	20	315
BOATS:						
MOTOR	2	175	2	-	-	177
OTHER	2	5	-	-	5	7
GEAR:						
NUMBER	5	14,950	2	300	20	-
SQUARE YARDS	-	-	4,500	-	-	-
HOOKS	-	-	-	550	-	-

NEW HAMPSHIRE - CATCH BY GEAR, 1959

SPECIES	WEIRS		POTS	
	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	80,000	$800	-	-
EELS, COMMON	5,000	1,100	-	-
SMELT	4,500	1,575	-	-
CRABS, ROCK	-	-	50,000	$4,000
LOBSTERS, NORTHERN	-	-	855,000	389,000
TOTAL	89,500	3,475	905,000	393,000

SPECIES	GILL NETS, DRIFT		LINES, HAND		HOES	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
MACKEREL	11,000	$1,760	-	-	-	-
SMELT	-	-	20,000	$11,000	-	-
BLOODWORMS	-	-	-	-	3,500	$3,080
SANDWORMS	-	-	-	-	2,000	1,700
TOTAL	11,000	1,760	20,000	11,000	5,500	4,780

NEW ENGLAND FISHERIES
MASSACHUSETTS
OPERATING UNITS BY GEAR, 1959

ITEM	HAUL SEINES, COMMON	PURSE SEINES			OTTER TRAWLS, FISH	POUND NETS, FISH	FLOATING TRAPS
		MACKEREL	MENHADEN	TUNA			
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS	-	6	210	9	2,710	4	9
ON BOATS AND SHORE:							
REGULAR	5	-	-	-	15	86	21
CASUAL	16	-	-	-	6	-	6
TOTAL	21	6	210	9	2,731	90	36
VESSELS, MOTOR	-	1	16	1	414	1	3
NET TONNAGE	-	8	710	31	16,944	7	24
BOATS:							
MOTOR	3	-	-	-	14	23	9
OTHER	-	-	-	-	-	8	8
ACCESSORY BOATS	-	2	32	1	-	2	3
GEAR:							
NUMBER	6	1	16	1	428	67	18
LENGTH, YARDS	225	350	7,375	450	-	-	-
YARDS AT MOUTH	-	-	-	-	11,392	-	-

ITEM	POTS				GILL NETS		LINES
	CONCH	CRAB	EEL	LOBSTER	ANCHOR	DRIFT	HAND
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS	-	-	-	-	26	15	40
ON BOATS AND SHORE:							
REGULAR	1	1	2	337	9	6	43
CASUAL	-	1	4	968	41	14	1,099
TOTAL	1	2	6	1,305	76	35	1,182
VESSELS, MOTOR	-	-	-	-	6	4	10
NET TONNAGE	-	-	-	-	76	36	179
BOATS:							
MOTOR	1	2	3	941	26	10	307
OTHER	-	-	-	228	-	-	-
GEAR:							
NUMBER	90	110	160	89,431	32	14	1,217
SQUARE YARDS	-	-	-	-	114,500	86,000	-
HOOKS	-	-	-	-	-	-	1,347

ITEM	LINES - CONTINUED		DIP NETS, COMMON	HARPOONS	SPEARS	DREDGES	
	TROLL	LONG OR SET WITH HOOKS				CLAM	OYSTER, COMMON
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS	-	70	-	146	-	16	-
ON BOATS AND SHORE:							
REGULAR	-	47	16	5	3	39	20
CASUAL	11	74	141	123	2	-	2
TOTAL	11	191	157	274	5	55	22
VESSELS, MOTOR	-	15	-	39	-	5	-
NET TONNAGE	-	210	-	781	-	77	-
BOATS:							
MOTOR	4	55	92	50	3	26	9
OTHER	-	-	-	9	-	-	-
ACCESSORY BOATS	-	-	-	48	-	-	-
GEAR:							
NUMBER	10	70	157	89	5	31	11
HOOKS	10	171,945	-	-	-	-	-
YARDS AT MOUTH	-	-	-	-	-	29	14

ITEM	DREDGES-CONT'D.	TONGS		RAKES	HOES	FORKS	DIVING OUTFITS	TOTAL, EXCLUSIVE OF DUPLICATION
	SCALLOP	OYSTER	OTHER					
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:								
ON VESSELS	860	-	-	-	-	-	-	3,718
ON BOATS AND SHORE:								
REGULAR	94	11	82	127	151	16	-	881
CASUAL	654	11	151	370	646	-	399	4,366
TOTAL	1,608	22	233	497	797	16	399	8,965
VESSELS, MOTOR	91	-	-	-	-	-	-	521
NET TONNAGE	4,045	-	-	-	-	-	-	20,980
BOATS:								
MOTOR	526	22	233	463	-	12	-	2,412
OTHER	-	-	-	28	-	-	-	281
ACCESSORY BOATS	-	-	-	-	-	-	-	88
GEAR:								
NUMBER	1,347	22	233	497	797	16	399	-
YARDS AT MOUTH	1,515	-	-	-	-	-	-	-

MASSACHUSETTS - CATCH BY GEAR, 1959

SPECIES	HAUL SEINES		PURSE SEINES		OTTER TRAWLS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	1,711,200	$20,293	9,729,400	$97,295	105,700	$1,057
ANGLERFISH	-	-	-	-	5,000	169
BUTTERFISH	-	-	2,200	176	345,300	29,614
COD	-	-	-	-	32,754,900	2,314,682
CUSK	-	-	-	-	1,030,200	56,666
EELS, CONGER	-	-	-	-	100	4
FLOUNDERS:						
GRAY SOLE	-	-	-	-	2,037,300	292,155
LEMON SOLE	-	-	-	-	1,811,100	345,088
YELLOWTAIL	-	-	-	-	25,711,400	2,870,211
BLACKBACK	-	-	-	-	10,115,000	1,272,223
DAB	-	-	-	-	2,252,600	247,913
FLUKE	-	-	-	-	4,504,100	1,001,923
HADDOCK	-	-	-	-	107,350,800	10,445,579
HAKE:						
RED	-	-	-	-	3,872,600	46,774
WHITE	-	-	-	-	2,880,500	148,324
HALIBUT	-	-	-	-	166,300	36,947
HERRING, SEA	-	-	-	-	654,800	6,693
LAUNCE	480,200	21,319	-	-	-	-
MACKEREL	-	-	118,000	8,257	6,500	1,608
MENHADEN	-	-	36,502,700	503,529	-	-
OCEAN PERCH	-	-	-	-	61,478,000	2,549,297
OCEAN POUT	-	-	-	-	170,100	3,399
POLLOCK	-	-	-	-	19,789,800	834,497
SCUP OR PORGY	-	-	-	-	1,235,100	58,435
SEA BASS	-	-	-	-	59,200	7,408
SHAD	-	-	1,354,100	18,957	3,500	201
SHARKS	-	-	200	6	11,400	432
SKATES	-	-	-	-	40,800	1,667
STRIPED BASS	-	-	-	-	500	54
STURGEON	-	-	-	-	8,500	824
TAUTOG	-	-	-	-	4,600	131
TILEFISH	-	-	-	-	393,600	57,688
TUNA, BLUEFIN	-	-	1,721,900	80,654	500	50
WHITING	-	-	-	-	82,698,300	1,672,753
WOLFFISH	-	-	-	-	1,014,100	58,422
UNCLASSIFIED:						
FOR FOOD	-	-	-	-	6,946,100	498,925
BAIT, REDUCTION, AND ANIMAL FOOD	-	-	-	-	68,167,700	578,052
LOBSTERS, NORTHERN	-	-	-	-	44,100	19,059
SHRIMP	-	-	-	-	5,000	1,161
SCALLOPS, SEA	-	-	-	-	100	29
SQUID	-	-	-	-	38,800	2,032
TOTAL	2,191,400	41,612	49,428,500	708,874	437,714,000	25,462,146

SPECIES	POUND NETS		FLOATING TRAPS		POTS AND TRAPS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	14,200	$82	27,500	$275	-	-
ANCHOVIES	2,000	171	-	-	-	-
BLUEFISH	2,400	353	-	-	-	-
BONITO	10,600	1,025	-	-	-	-
BUTTERFISH	1,227,000	78,428	565,900	37,385	-	-
COD	3,700	96	5,700	305	-	-
EELS, COMMON	-	-	-	-	11,300	$1,238
FLOUNDERS:						
BLACKBACK	1,100	84	200	15	-	-
FLUKE	13,200	1,847	-	-	-	-
HADDOCK	15,000	768	-	-	-	-
HAKE, RED	21,000	607	-	-	-	-
HERRING:						
ROUND	-	-	1,000	104	-	-
SEA	2,496,700	32,442	93,400	934	-	-
MACKEREL	2,194,700	265,016	493,500	49,416	-	-
MENHADEN	70,000	968	12,200	171	-	-
POLLOCK	103,400	966	4,700	169	-	-
SALMON	-	-	200	90	-	-
SCUP OR PORGY	192,200	4,282	-	-	-	-

(CONTINUED ON NEXT PAGE)

MASSACHUSETTS - CATCH BY GEAR, 1959 - Continued

SPECIES	POUND NETS		FLOATING TRAPS		POTS AND TRAPS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
SEA BASS	2,600	$292	-	-	-	-
SHAD	22,600	1,390	-	-	-	-
SHARKS	1,700	119	-	-	-	-
STRIPED BASS	4,800	1,100	100	$14	-	-
TAUTOG	21,900	797	-	-	-	-
THIMBLE-EYED MACKEREL	135,900	2,715	2,400	233	-	-
TUNA, BLUEFIN	606,300	49,691	1,100	63	-	-
WHITING	147,400	3,730	285,700	5,798	-	-
UNCLASSIFIED:						
FOR FOOD	8,400	936	47,000	2,617	-	-
BAIT, REDUCTION, AND ANIMAL FOOD	85,500	6,287	261,000	2,075	-	-
CRABS, ROCK	-	-	-	-	211,900	$20,644
LOBSTERS, NORTHERN	-	-	-	-	3,458,800	1,790,391
CONCHS	-	-	-	-	10,500	1,400
SQUID	1,598,100	67,769	48,800	1,383	-	-
TOTAL	9,002,400	521,961	1,850,400	101,047	3,692,500	1,813,673

SPECIES	GILL NETS				LINES	
	ANCHOR		DRIFT		HAND	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUEFISH	-	-	-	-	2,900	$413
BUTTERFISH	-	-	800	$126	100	4
COD	1,417,200	$94,089	-	-	438,500	30,553
CUSK	2,100	96	-	-	900	49
FLOUNDERS:						
YELLOWTAIL	100	7	-	-	-	-
BLACKBACK	77,400	9,278	-	-	1,800	213
FLUKE	-	-	-	-	1,600	239
HADDOCK	126,500	10,232	-	-	10,700	1,066
HAKE, WHITE	101,200	4,000	-	-	100	6
HALIBUT	100	37	-	-	100	50
MACKEREL	-	-	25,700	5,077	900	172
POLLOCK	782,000	25,290	-	-	65,300	2,926
SHAD	2,900	137	-	-	-	-
SHARKS	4,100	126	900	31	1,700	69
STRIPED BASS	-	-	-	-	75,500	17,432
STURGEON	100	8	-	-	-	-
TAUTOG	100	7	-	-	-	-
TUNA, BLUEFIN	-	-	-	-	84,200	3,445
WHITING	600	13	-	-	-	-
WOLFFISH	-	-	-	-	100	3
UNCLASSIFIED, FOR FOOD	346,800	25,802	-	-	39,800	3,446
TOTAL	2,861,200	169,122	27,400	5,234	724,200	60,086

SPECIES	LINES - CONTINUED				DIP NETS	
	TROLL		LONG OR SET WITH HOOKS			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	-	-	-	-	30,000	$300
COD	-	-	1,944,100	$132,155	-	-
CUSK	-	-	617,800	31,690	-	-
FLOUNDERS:						
GRAY SOLE	-	-	100	12	-	-
LEMON SOLE	-	-	7,200	1,068	-	-
YELLOWTAIL	-	-	100	14	-	-
BLACKBACK	-	-	1,600	165	-	-
FLUKE	-	-	600	97	-	-
HADDOCK	-	-	1,590,800	167,651	-	-
HAKE:						
RED	-	-	5,100	453	-	-
WHITE	-	-	339,200	22,351	-	-
HALIBUT	-	-	35,100	12,986	-	-
MACKEREL	-	-	100	2	-	-
POLLOCK	-	-	78,600	3,742	-	-

(CONTINUED ON NEXT PAGE)

MASSACHUSETTS - CATCH BY GEAR, 1959 - Continued

SPECIES	LINES - CONTINUED				DIP NETS	
	TROLL		LONG OR SET WITH HOOKS			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
SHARKS	-	-	3,500	$153	-	-
SKATES	-	-	9,900	535	-	-
STURGEON	-	-	100	12	-	-
THIMBLE-EYED MACKEREL	2,300	$256	-	-	-	-
TUNA, BLUEFIN	-	-	182,200	7,148	-	-
WHITING	-	-	1,500	66	-	-
WOLFFISH	-	-	17,300	830	-	-
UNCLASSIFIED, FOR FOOD	-	-	34,700	2,839	-	-
CONCHS	-	-	-	-	300	$50
SCALLOPS, BAY	-	-	-	-	33,500	39,865
TOTAL	2,300	256	4,869,600	383,969	63,800	40,215

SPECIES	HARPOONS		SPEARS		DREDGES		TONGS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
COD	-	-	-	-	12,300	$615	-	-
EELS, COMMON	-	-	1,900	$299	-	-	-	-
FLOUNDERS:								
GRAY SOLE	-	-	-	-	63,600	5,338	-	-
LEMON SOLE	-	-	-	-	8,900	1,645	-	-
YELLOWTAIL	-	-	-	-	220,200	17,035	-	-
BLACKBACK	-	-	-	-	16,500	2,186	-	-
DAB	-	-	-	-	700	57	-	-
FLUKE	-	-	-	-	4,500	571	-	-
HADDOCK	-	-	-	-	7,200	487	-	-
SCUP OR PORGY	-	-	-	-	500	40	-	-
SWORDFISH	1,177,600	$304,465	-	-	-	-	-	-
TUNA, BLUEFIN	59,500	3,925	-	-	-	-	-	-
UNCLASSIFIED, FOR FOOD	-	-	-	-	500	56	-	-
CLAMS:								
HARD, PUBLIC	-	-	-	-	436,900	119,110	451,400	$228,737
SURF	-	-	-	-	2,500	690	-	-
CONCHS	-	-	-	-	-	-	3,400	230
MUSSELS, SEA	-	-	-	-	120,000	9,000	-	-
OYSTERS, MARKET:								
PUBLIC:								
SPRING	-	-	-	-	-	-	6,500	6,200
FALL	-	-	-	-	-	-	7,900	4,880
PRIVATE:								
SPRING	-	-	-	-	25,900	31,726	18,900	31,900
FALL	-	-	-	-	19,300	28,388	31,600	51,350
SCALLOPS:								
BAY	-	-	-	-	382,300	454,937	-	-
SEA	-	-	-	-	19,109,100	9,242,079	-	-
TOTAL	1,237,100	308,390	1,900	299	20,430,900	9,913,960	519,700	323,297

SPECIES	RAKES		HOES		FORKS		DIVING OUTFITS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
LOBSTERS, NORTHERN	-	-	-	-	-	-	25,500	$19,797
CLAMS:								
HARD:								
PUBLIC	558,200	$301,153	98,700	$49,425	-	-	-	-
PRIVATE	73,800	56,825	-	-	-	-	-	-
RAZOR	-	-	37,400	10,415	-	-	-	-
SOFT, PUBLIC	42,000	35,387	767,700	491,648	-	-	-	-
CONCHS	2,600	525	-	-	-	-	-	-
MUSSELS, SEA	40,000	3,350	600	162	28,800	$2,160	-	-
OYSTERS, MARKET, PUBLIC, FALL	-	-	-	-	7,800	8,400	-	-
SCALLOPS, BAY	5,200	6,188	-	-	-	-	-	-
IRISH MOSS	1,305,000	26,985	-	-	-	-	-	-
SANDWORMS	-	-	3,100	3,277	-	-	-	-
TOTAL	2,026,800	430,413	907,500	554,927	36,600	10,560	25,500	19,797

NEW ENGLAND FISHERIES
RHODE ISLAND
OPERATING UNITS BY GEAR, 1959

ITEM	HAUL SEINES, COMMON	PURSE SEINES, MENHADEN	OTTER TRAWLS, FISH	FLOATING TRAPS	FYKE NETS, FISH	POTS AND TRAPS	
						CONCHS	CRAB
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS	-	36	250	49	-	-	-
ON BOATS AND SHORE:							
REGULAR	10	-	16	4	4	10	15
CASUAL	-	-	-	-	-	4	-
TOTAL	10	36	266	53	4	14	15
VESSELS, MOTOR	-	5	74	6	-	-	-
NET TONNAGE	-	111	1,323	90	-	-	-
BOATS:							
MOTOR	-	-	8	1	4	11	7
OTHER	3	-	-	2	-	-	-
ACCESSORY BOATS	-	8	-	14	-	-	-
GEAR:							
NUMBER	3	5	82	16	24	735	1,133
LENGTH, YARDS	600	1,600	-	-	-	-	-
YARDS AT MOUTH	-	-	2,048	-	-	-	-

ITEM	POTS AND TRAPS - CONTINUED		LINES			DIP NETS, COMMON	HARPOONS
	EEL	LOBSTER	HAND	TROLL	LONG OR SET WITH HOOKS		
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS	-	-	11	2	-	-	86
ON BOATS AND SHORE:							
REGULAR	9	50	29	4	14	2	8
CASUAL	-	147	78	36	-	1	26
TOTAL	9	197	118	42	14	3	120
VESSELS, MOTOR	-	-	5	1	-	-	23
NET TONNAGE	-	-	40	7	-	-	467
BOATS:							
MOTOR	8	169	55	17	7	3	15
OTHER	-	-	-	-	-	-	4
ACCESSORY BOATS	-	-	-	-	-	-	29
GEAR:							
NUMBER	356	12,297	172	53	7	3	38
HOOKS	-	-	322	53	10,080	-	-

ITEM	DREDGES			TONGS		RAKES	HOES	TOTAL, EXCLUSIVE OF DUPLICATION
	CLAM	MUSSEL	SCALLOP	OYSTER	OTHER			
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:								
ON VESSELS	30	2	5	-	-	-	-	366
ON BOATS AND SHORE:								
REGULAR	58	2	16	7	330	110	2	401
CASUAL	8	-	35	-	299	100	-	583
TOTAL	96	4	56	7	629	210	2	1,350
VESSELS, MOTOR	15	1	1	-	-	-	-	100
NET TONNAGE	142	11	13	-	-	-	-	1,602
BOATS:								
MOTOR	33	1	51	-	629	210	-	891
OTHER	-	-	-	7	-	-	-	16
ACCESSORY BOATS	-	-	-	-	-	-	-	51
GEAR:								
NUMBER	48	2	118	7	629	210	2	-
YARDS AT MOUTH	48	3	96	-	-	-	-	-

RHODE ISLAND - CATCH BY GEAR, 1959

SPECIES	HAUL SEINES		PURSE SEINES		OTTER TRAWLS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	301,300	$2,486	-	-	-	-
ANGLERFISH	-	-	-	-	6,400	$196
BLUEFISH	-	-	-	-	100	11
BONITO	-	-	40,300	$806	-	-
BUTTERFISH	-	-	-	-	2,062,200	172,311
COD	-	-	-	-	824,000	65,989
CUSK	-	-	-	-	100	4
EELS, CONGER	-	-	-	-	14,900	563
FLOUNDERS:						
GRAY SOLE	-	-	-	-	17,600	1,872
LEMON SOLE	-	-	-	-	3,800	519
YELLOWTAIL	-	-	-	-	3,011,000	321,762
BLACKBACK	-	-	-	-	2,251,600	161,547
DAB	-	-	-	-	10,200	1,007
FLUKE	-	-	-	-	949,500	176,242
HADDOCK	-	-	-	-	115,900	8,503
HAKE:						
RED	-	-	-	-	16,900	538
WHITE	-	-	-	-	15,200	497
HALIBUT	-	-	-	-	100	14
HERRING, SEA	-	-	-	-	162,200	7,463
KING WHITING OR "KINGFISH"	-	-	-	-	100	6
MACKEREL	-	-	-	-	4,500	528
MENHADEN	-	-	16,217,400	194,609	-	-
POLLOCK	-	-	-	-	7,200	264
SCUP OR PORGY	-	-	-	-	2,408,100	139,570
SEA BASS	-	-	-	-	91,100	12,541
SEA ROBIN	-	-	-	-	1,200	42
SEA TROUT OR WEAKFISH, GRAY	-	-	-	-	200	29
SHARKS, UNCLASSIFIED	-	-	-	-	2,500	92
SKATES	-	-	-	-	12,300	366
STRIPED BASS	-	-	-	-	800	158
STURGEON	-	-	-	-	2,200	144
SWELLFISH	-	-	-	-	1,100	35
TAUTOG	-	-	-	-	23,400	962
TILEFISH	-	-	-	-	335,200	43,579
WHITING	-	-	-	-	2,931,500	74,157
UNCLASSIFIED:						
FOR FOOD	-	-	-	-	19,200	1,447
BAIT, REDUCTION, AND ANIMAL FOOD	-	-	-	-	74,410,800	616,763
LOBSTERS, NORTHERN	-	-	-	-	36,700	14,982
SCALLOPS, SEA	-	-	-	-	2,200	988
SQUID	-	-	-	-	297,700	26,900
TOTAL	301,300	2,486	16,257,700	195,415	90,049,700	1,852,591

SPECIES	FLOATING TRAPS		FYKE NETS		POTS AND TRAPS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	-	-	39,300	$316	-	-
AMBERJACK	1,200	$73	-	-	-	-
ANCHOVIES	38,000	2,603	-	-	-	-
BLUEFISH	15,600	2,381	-	-	-	-
BONITO	35,600	4,741	-	-	-	-
BUTTERFISH	203,500	23,457	-	-	-	-
COD	42,900	3,475	-	-	-	-
CREVALLE	10,300	513	-	-	-	-
EELS, COMMON	-	-	-	-	25,700	$4,338
FLOUNDERS:						
BLACKBACK	300	28	1,600	146	-	-
FLUKE	118,600	14,528	-	-	-	-
FRIGATE MACKEREL	1,000	56	-	-	-	-
HAKE:						
RED	100	2	-	-	-	-
WHITE	1,600	80	-	-	-	-
HERRING, SEA	95,900	5,195	-	-	-	-
KING WHITING OR "KINGFISH"	900	119	-	-	-	-
MACKEREL	261,800	46,080	-	-	-	-
MENHADEN	27,600	315	-	-	-	-
POLLOCK	14,200	473	-	-	-	-
SCUP OR PORGY	3,953,100	151,671	-	-	-	-
SEA BASS	91,100	13,713	-	-	-	-

(CONTINUED ON NEXT PAGE)

RHODE ISLAND - CATCH BY GEAR, 1959 - Continued

SPECIES	FLOATING TRAPS		FYKE NETS		POTS AND TRAPS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
SEA ROBIN	219,000	$4,393	-	-	-	-
SEA TROUT OR WEAKFISH, GRAY	1,200	274	-	-	-	-
SHAD	3,000	210	-	-	-	-
SHARKS, UNCLASSIFIED	200	3	-	-	-	-
SPANISH MACKEREL	100	24	-	-	-	-
STRIPED BASS	22,200	5,652	-	-	-	-
STURGEON	300	41	-	-	-	-
SWELLFISH	6,200	517	-	-	-	-
TAUTOG	21,800	470	-	-	-	-
THIMBLE-EYED MACKEREL	151,200	4,002	-	-	-	-
TUNA, BLUEFIN	44,600	3,545	-	-	-	-
WHITE PERCH	-	-	6,100	$1,072	-	-
WHITING	193,800	9,128	-	-	-	-
UNCLASSIFIED:						
FOR FOOD	4,000	271	-	-	-	-
BAIT, REDUCTION, AND ANIMAL FOOD	562,300	4,386	-	-	-	-
CRABS, ROCK	-	-	-	-	264,000	$30,070
LOBSTERS, NORTHERN	-	-	-	-	408,100	243,618
CONCHS	-	-	-	-	84,400	15,966
SQUID	430,300	32,408	-	-	-	-
TOTAL	6,573,500	334,827	47,000	1,534	782,200	293,992

SPECIES	LINES					
	HAND		TROLL		LONG OR SET WITH HOOKS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUEFISH	100	$14	4,000	$572	-	-
BONITO	-	-	9,600	1,277	-	-
COD	188,500	15,021	-	-	190,500	$18,050
FLOUNDERS:						
BLACKBACK	6,600	780	-	-	-	-
FLUKE	2,000	362	-	-	-	-
HAKE, WHITE	800	25	-	-	-	-
MACKEREL	1,800	150	1,900	230	-	-
POLLOCK	700	14	-	-	-	-
SEA BASS	1,000	257	-	-	-	-
STRIPED BASS	8,100	1,315	200	25	-	-
SWORDFISH	-	-	500	116	-	-
TAUTOG	6,300	592	-	-	-	-
TUNA, BLUEFIN	2,300	60	13,300	488	-	-
WHITING	400	9	-	-	-	-
UNCLASSIFIED, FOR FOOD	2,600	310	-	-	-	-
TOTAL	221,200	18,909	29,500	2,708	190,500	18,050

SPECIES	DIP NETS		HARPOONS		DREDGES	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FLOUNDERS, YELLOWTAIL	-	-	-	-	600	$39
SWORDFISH	-	-	205,400	$60,119	-	-
TUNA, BLUEFIN	-	-	600	112	-	-
UNCLASSIFIED, FOR FOOD	-	-	-	-	100	7
CLAMS:						
HARD, PUBLIC	-	-	-	-	148,200	70,665
OCEAN QUAHOGS	-	-	-	-	95,400	9,541
CONCHS	-	-	-	-	1,700	256
MUSSELS, SEA	-	-	-	-	270,100	40,314
SCALLOPS:						
BAY	400	$476	-	-	5,800	6,902
SEA	-	-	-	-	14,200	6,307
TOTAL	400	476	206,000	60,231	536,100	134,031

SPECIES	TONGS		RAKES		HOES	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CLAMS:						
HARD, PUBLIC	2,071,100	$1,090,774	517,700	$272,693	-	-
SOFT, PUBLIC	-	-	-	-	3,500	$1,500
OYSTERS, MARKET, PUBLIC:						
SPRING	1,800	1,362	-	-	-	-
FALL	4,000	3,065	-	-	-	-
TOTAL	2,076,900	1,095,201	517,700	272,693	3,500	1,500

NEW ENGLAND FISHERIES

CONNECTICUT

OPERATING UNITS BY GEAR, 1959

ITEM	HAUL SEINES, COMMON	OTTER TRAWLS, FISH	FYKE NETS, FISH	POTS AND TRAPS		
				CONCH	EEL	LOBSTER
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS.	-	131	-	-	-	10
ON BOATS AND SHORE:						
REGULAR	2	10	-	5	4	31
CASUAL.	10	19	3	2	33	95
TOTAL	12	160	3	7	37	136
VESSELS, MOTOR.	-	42	-	-	-	6
NET TONNAGE	-	803	-	-	-	41
BOATS:						
MOTOR	6	23	1	6	32	96
OTHER	4	-	2	-	1	1
GEAR:						
NUMBER.	10	65	8	205	320	7,588
LENGTH, YARDS	818	-	-	-	-	-
YARDS AT MOUTH.	-	1,259	-	-	-	-

ITEM	GILL NETS			LINES, HAND	DIP NETS, COMMON	HARPOONS
	DRIFT		STAKE			
	SHAD	OTHER				
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS.	-	2	-	-	-	10
ON BOATS AND SHORE:						
REGULAR	13	-	2	4	76	-
CASUAL.	97	-	13	27	424	-
TOTAL	110	2	15	31	500	10
VESSELS, MOTOR.	-	1	-	-	-	3
NET TONNAGE	-	6	-	-	-	63
BOATS:						
MOTOR	46	-	5	20	496	-
OTHER	29	-	5	-	-	-
ACCESSORY BOATS	-	-	-	-	-	3
GEAR:						
NUMBER.	59	1	10	33	500	3
SQUARE YARDS.	85,845	2,110	1,913	-	-	-
HOOKS	-	-	-	33	-	-

ITEM	DREDGES			TONGS		TOTAL, EXCLUSIVE OF DUPLICATION
	CLAM	OYSTER	SCALLOP	OYSTER	OTHER	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS.	9	37	-	-	-	176
ON BOATS AND SHORE:						
REGULAR	-	3	-	6	4	119
CASUAL.	-	-	2	10	10	636
TOTAL	9	40	2	16	14	931
VESSELS, MOTOR.	4	10	-	-	-	60
NET TONNAGE	137	133	-	-	-	1,050
BOATS:						
MOTOR	-	2	1	14	11	647
OTHER	-	-	-	-	-	38
ACCESSORY BOATS	-	-	-	-	-	3
GEAR:						
NUMBER.	5	25	4	16	14	-
YARDS AT MOUTH.	5	35	3	-	-	-

CONNECTICUT - CATCH BY GEAR, 1959

SPECIES	HAUL SEINES		OTTER TRAWLS		FYKE NETS		POTS AND TRAPS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	4,000	$50	300	$3	1,100	$22	-	-
BLUEFISH	-	-	600	185	-	-	-	-
BUTTERFISH	-	-	85,200	6,889	-	-	-	-
CARP	1,200	140	-	-	100	8	-	-
COD	-	-	241,800	22,572	-	-	-	-
EELS, COMMON	500	99	-	-	2,600	408	13,000	$2,629
FLOUNDERS:								
LEMON SOLE	-	-	8,200	1,105	-	-	-	-
YELLOWTAIL	-	-	139,100	14,870	-	-	-	-
BLACKBACK	400	32	844,600	59,400	-	-	-	-
DAB	-	-	3,100	307	-	-	-	-
FLUKE	-	-	318,800	57,561	-	-	-	-
HERRING, SEA	-	-	81,300	3,961	-	-	-	-
MACKEREL	-	-	1,600	191	-	-	-	-
MENHADEN	2,700	27	2,900	42	-	-	-	-
SCUP OR PORGY	-	-	1,345,800	61,704	-	-	-	-
SEA BASS	-	-	35,900	4,748	-	-	-	-
SEA ROBIN	-	-	6,900	84	-	-	-	-
SEA TROUT OR WEAKFISH, GRAY	-	-	800	102	-	-	-	-
SHAD	4,900	639	-	-	-	-	-	-
SHARKS:								
GRAYFISH	-	-	3,100	35	-	-	-	-
UNCLASSIFIED	-	-	1,100	11	-	-	-	-
SKATES	-	-	16,600	206	-	-	-	-
STURGEON	-	-	1,600	163	-	-	-	-
SUCKERS	-	-	-	-	300	30	-	-
TAUTOG	-	-	16,100	621	-	-	-	-
WHITING	-	-	544,700	15,051	-	-	-	-
UNCLASSIFIED:								
FOR FOOD	-	-	159,500	8,485	-	-	-	-
BAIT, REDUCTION, AND ANIMAL FOOD	11,000	136	5,212,300	32,388	100	1	-	-
LOBSTERS, NORTHERN	-	-	200	90	-	-	235,500	143,744
CONCHS	-	-	3,100	346	-	-	19,000	2,359
SQUID	-	-	122,200	7,059	-	-	-	-
TOTAL	24,700	1,123	9,197,400	298,179	4,200	469	267,500	148,732

SPECIES	GILL NETS				LINES, HAND		DIP NETS	
	DRIFT		STAKE					
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	-	-	-	-	-	-	2,400	$30
BLUEFISH	-	-	-	-	5,000	$1,227	-	-
COD	-	-	-	-	100	10	-	-
EELS, COMMON	-	-	-	-	200	20	-	-
FLOUNDERS:								
BLACKBACK	-	-	-	-	3,700	450	-	-
FLUKE	-	-	-	-	1,000	140	-	-
MACKEREL	7,500	$1,095	-	-	4,000	489	-	-
MENHADEN	15,800	200	-	-	-	-	-	-
SCUP OR PORGY	-	-	-	-	1,200	93	-	-
SEA BASS	-	-	-	-	700	125	-	-
SEA ROBIN	-	-	-	-	100	2	-	-
SEA TROUT OR WEAKFISH, GRAY	-	-	-	-	300	38	-	-
SHAD	379,300	49,075	16,600	$2,144	-	-	-	-
SHARKS, UNCLASSIFIED	500	11	-	-	100	2	-	-
STRIPED BASS	200	46	-	-	7,800	1,790	-	-
STURGEON	200	40	-	-	-	-	-	-
TAUTOG	-	-	-	-	2,700	209	-	-
WHITING	100	4	-	-	200	8	-	-
UNCLASSIFIED, FOR BAIT, REDUCTION, AND ANIMAL FOOD	64,000	800	-	-	5,200	79	-	-
CRABS, BLUE, HARD	-	-	-	-	-	-	2,000	391
SCALLOPS, BAY	-	-	-	-	-	-	164,000	191,394
TOTAL	467,600	51,271	16,600	2,144	32,300	4,682	168,400	191,815

SPECIES	HARPOONS		DREDGES		TONGS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
SWORDFISH	12,500	$4,944	-	-	-	-
CLAMS, HARD, PUBLIC	-	-	347,700	$103,589	11,900	$4,731
OYSTERS, MARKET:						
PUBLIC, SPRING	-	-	-	-	7,000	4,641
PRIVATE:						
SPRING	-	-	93,300	101,249	800	673
FALL	-	-	157,700	177,589	-	-
SCALLOPS, BAY	-	-	400	430	-	-
TOTAL	12,500	4,944	599,100	382,857	19,700	10,045

MAINE - CATCH OFF CANADA

Thirty-one Maine fishing craft, operating on the high seas off the Canadian East Coast, landed catches totaling over 53 million pounds in 1959. These craft fished nearly 781 days in areas off Labrador, Newfoundland, Nova Scotia, on the Grand Banks, and in the Gulf of St. Lawrence. They were absent from port for 3,573 days and completed 271 fishing trips.

Production from areas on the Grand Banks by Maine vessels amounted to over 30 million pounds or 56 percent of the total Maine catch from the high seas off the Canadian Coast. Fishing banks off Nova Scotia yielded about 16 million pounds or 30 percent. Areas in the Gulf of St. Lawrence accounted for 7 million pounds or 14 percent. Catches from other areas were negligible.

The quantities shown in the following tables represent the actual weights of the landings. The landings are not directly comparable with the catch figures shown in other tables in this Digest.

The Bureau of Commercial Fisheries, in cooperation with the Maine Department of Sea and Shore Fisheries, collects and compiles monthly and annual data on the landings of fish and shellfish. This information is published in the monthly bulletin Maine Landings which is in the Current Fishery Statistics series of reports issued by the Bureau. Two annual summaries of Maine Landings were published for 1959. One listed the catch by months (Current Fishery Statistics No. 2251) and the other listed the catch by gear and county (Current Fishery Statistics No. 2256).

A summary of data on Maine landings by species and months were included in previous Digests. This information has been omitted from this report. Instead, data on the Maine catch by area and subarea off Canada have been included. These data follow.

MAINE - CATCH OFF CANADA, 1959

AREA AND SUBAREA	CRAFT FISHING	TRIPS	DAYS ABSENT	DAYS FISHED	COD, DRAWN		CUSK, DRAWN
					LARGE	MARKET	
	NUMBER	NUMBER	NUMBER	NUMBER	POUNDS	POUNDS	POUNDS
OFF LABRADOR (AREA XVII),							
OFF LABRADOR	3	.3	5	1.2	-	-	-
OFF NEWFOUNDLAND (AREA XVIII),							
N.E. NEWFOUNDLAND	1	.1	1	.4	-	-	-
OFF GRAND BANKS (AREA XX):							
N. GRAND BANK	3	2.3	35	6.9	-	-	-
S.E. GRAND BANKS	12	58.0	932	188.7	515	2,215	-
S.W. GRAND BANKS	12	51.2	817	153.6	2,240	7,260	100
ST. PIERRE BANK	7	9.0	112	26.0	-	-	-
TOTAL	1/ 15	120.5	1,896	375.2	2,755	9,475	100
GULF OF ST. LAWRENCE (AREA XIX):							
E. GULF ST. LAWRENCE	13	26.3	383	117.7	-	200	550
N. GULF ST. LAWRENCE	4	7.4	99	21.3	-	875	370
S. GULF ST. LAWRENCE	1	1.0	13	1.8	-	-	-
TOTAL	1/ 13	34.7	495	140.8	-	1,075	920
OFF NOVA SCOTIA (AREA XXI):							
N.E. CAPE BRETON	5	4.4	54	13.9	-	-	-
MISAINE BANK	5	5.8	82	16.5	-	9,185	-
BANQUEREAU	12	14.3	178	41.1	415	310	2,190
CANSO	3	6.0	54	13.5	-	1,810	-
MIDDLE GROUND	8	16.4	184	49.1	2,220	500	1,630
HORSESHOE GROUND	6	5.3	61	11.6	2,855	2,400	345
EASTERN NOVA SCOTIA	7	26.9	308	52.8	18,725	17,375	7,958
EMERALD BANK	2	.5	5	2.0	-	-	-
CENTRAL NOVA SCOTIA	6	6.3	73	13.9	3,155	2,495	1,720
E. BROWNS AND LA HAVE	4	12.3	28	10.7	750	290	1,422
SOUTHERN NOVA SCOTIA	7	5.2	61	11.8	500	860	1,490
WESTERN NOVA SCOTIA	7	8.2	53	16.0	-	12,750	2,248
SOUTHERN BAY OF FUNDY	2	1.5	10	3.8	1,735	8,400	585
NORTHERN BAY OF FUNDY	2	2.7	25	6.6	5,120	2,600	507
TOTAL	1/ 25	115.8	1,176	263.3	35,475	58,975	20,095
GRAND TOTAL	1/ 31	271.4	3,573	780.9	38,230	69,525	21,115

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

MAINE - CATCH OFF CANADA, 1959 - Continued

AREA AND SUBAREA	FLOUNDERS, ROUND				HADDOCK, DRAWN	
	GRAY SOLE	YELLOWTAIL	BLACKBACK	DAB	LARGE	SCROD
	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
OFF GRAND BANKS (AREA XX):						
S.E. GRAND BANKS	435	-	-	825	280	1,900
S.W. GRAND BANKS	5,310	-	-	805	7,170	31,210
TOTAL	5,745	-	-	1,630	7,450	33,110
GULF OF ST. LAWRENCE (AREA XIX):						
E. GULF ST. LAWRENCE	-	-	-	420	2,820	500
N. GULF ST. LAWRENCE	440	-	-	115	1,700	1,410
TOTAL	440	-	-	535	4,520	1,910
OFF NOVA SCOTIA (AREA XXI):						
MISAINE BANK	575	-	-	1,060	520	-
BANQUEREAU	1,340	-	-	365	670	515
CANSO	1,100	-	-	2,500	-	200
MIDDLE GROUND	-	-	-	350	11,100	1,690
HORSESHOE GROUND	2,180	-	-	1,350	44,200	3,235
EASTERN NOVA SCOTIA	1,510	-	-	2,300	20,363	22,135
CENTRAL NOVA SCOTIA	80	-	-	155	5,675	3,490
E. BROWNS AND LA HAVE	4,453	9,449	9,618	1,532	4,561	1,595
SOUTHERN NOVA SCOTIA	1,075	-	-	125	660	1,150
WESTERN NOVA SCOTIA	765	-	-	285	26,627	13,109
SOUTHERN BAY OF FUNDY	75	-	-	75	18,465	12,250
NORTHERN BAY OF FUNDY	415	-	-	645	15,883	6,641
TOTAL	13,568	9,449	9,618	10,742	148,724	66,010
GRAND TOTAL	19,753	9,449	9,618	12,907	160,694	101,030

AREA AND SUBAREA	HAKE		HALIBUT, DRAWN	OCEAN PERCH, ROUND	POLLOCK, DRAWN	WOLFFISH (CATFISH), DRAWN	OTHER, AS LANDED	TOTAL, AS LANDED
	WHITE, DRESSED							
	LARGE	SMALL						
	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
OFF LABRADOR (AREA XVII);								
OFF LABRADOR	-	-	-	13,900	-	-	-	13,900
OFF NEWFOUNDLAND (AREA XVIII),								
N.E. NEWFOUNDLAND	-	-	-	500	-	-	-	500
OFF GRAND BANKS (AREA XX):								
N. GRAND BANK	-	-	30	632,300	-	-	-	632,330
S.E. GRAND BANKS	-	-	3,665	14,793,100	5,635	-	210	14,808,780
S.W. GRAND BANKS	-	115	29,673	12,927,140	7,925	-	26,130	13,045,078
ST. PIERRE BANK	-	-	3,289	1,683,220	-	-	-	1,686,509
TOTAL	-	115	36,657	30,035,760	13,560	-	26,340	30,172,697
GULF OF ST. LAWRENCE (AREA XIX):								
E. GULF ST. LAWRENCE	-	940	6,382	5,849,950	1,850	100	-	5,863,712
N. GULF ST. LAWRENCE	-	1,010	5,290	1,235,130	2,630	1,200	-	1,250,170
S. GULF ST. LAWRENCE	-	-	-	130,000	-	-	-	130,000
TOTAL	-	1,950	11,672	7,215,080	4,480	1,300	-	7,243,882
OFF NOVA SCOTIA (AREA XXI):								
N.E. CAPE BRETON	-	-	-	662,119	-	-	-	662,119
MISAINE BANK	-	435	-	836,276	6,350	-	-	854,401
BANQUEREAU	-	420	1,485	2,188,762	2,920	185	-	2,199,577
CANSO	-	-	-	810,980	475	-	-	817,065
MIDDLE GROUND	-	655	821	2,635,172	41,661	90	-	2,695,889
HORSESHOE GROUND	-	2,230	467	714,228	16,950	2,900	700	794,040
EASTERN NOVA SCOTIA	830	12,360	2,858	4,294,265	134,021	11,285	315	4,546,300
EMERALD BANK	-	-	-	77,070	-	-	-	77,070
CENTRAL NOVA SCOTIA	-	1,360	-	1,187,170	12,260	3,720	-	1,221,280
E. BROWNS AND LA HAVE	101	640	88	325,027	823	91	-	360,440
SOUTHERN NOVA SCOTIA	-	390	220	773,130	4,690	-	-	784,290
WESTERN NOVA SCOTIA	1,770	1,340	-	388,820	77,584	832	-	526,130
SOUTHERN BAY OF FUNDY	-	-	-	10,150	37,425	-	-	89,160
NORTHERN BAY OF FUNDY	-	3,015	-	281,040	16,389	376	-	332,631
TOTAL	2,701	22,845	5,939	15,184,209	351,548	19,479	1,015	15,960,392
GRAND TOTAL	2,701	24,910	54,268	52,449,449	369,588	20,779	27,355	53,391,371

1/ EXCLUSIVE OF DUPLICATION.

LANDINGS AT MASSACHUSETTS PORTS

Landings of fishery products at Boston, Gloucester, New Bedford, and certain other Massachusetts ports are important. Detailed statistics are collected and published monthly and annually on these landings. Additional detailed tabulations are prepared for the use of Bureau and State scientists and the International Commission for the Northwest Atlantic Fisheries. The data represents 98 percent of the total Massachusetts catch.

A summary of 1959 data on Massachusetts landings by ports and by gear and area of capture is contained in the following tables. The quantities shown represent the actual weights of the landings. The landings are not directly comparable with the catch figures shown in other tables in this Digest. Information covering landings at individual ports were published in Statistical Digests prior to 1959. These have been omitted from this report.

Landings by fishing craft of all sizes at Boston, Gloucester, New Bedford, and certain other Massachusetts ports in 1959 amounted to approximately 501 million pounds valued at nearly 37 million dollars ex-vessel. These landings were about 15 million pounds or 3 percent above those of the previous year. The value of the landings was about the same. During 1959, receipts at Gloucester accounted for 46 percent of the total poundage and 19 percent of the total value. Boston was second both in poundage (23 percent) and value (31 percent). New Bedford ranked third in volume with 22 percent, but first in value (43 percent). Landings at other Massachusetts ports made up the remaining 9 percent in quantity and 7 percent in value.

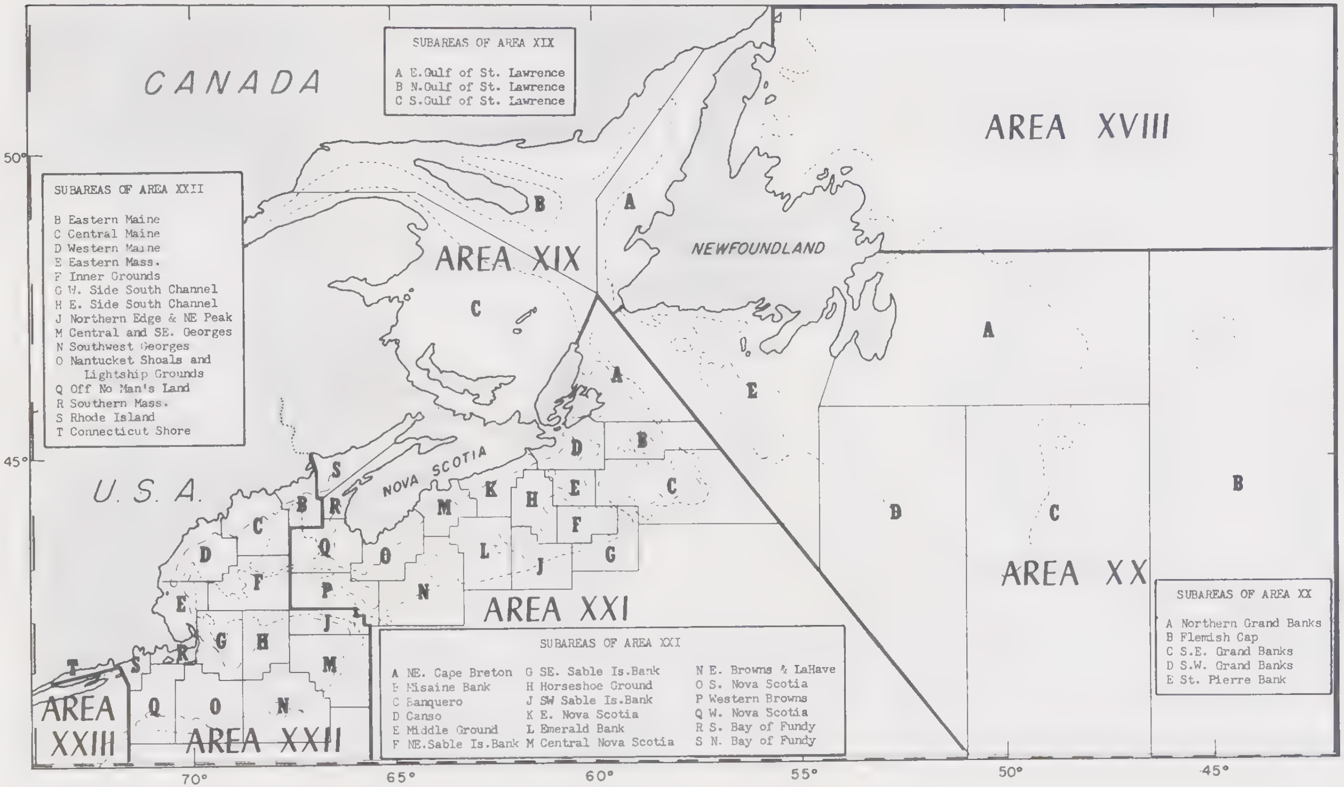
At Boston, landings (113 million pounds) continued to show the downward trend that has been so apparent during the past few years. Ex-vessel prices were generally lower than in the previous year. Haddock continued to be the principal species taken by the Boston fleet. However, the fish, particularly scrod-size haddock on George's and Brown's Banks, were scarce in 1959. Catches of haddock by the Boston fleet were about 9 million pounds below that of the previous year, and the lowest annual production during the past decade.

Landings at Gloucester were greater than at any other Massachusetts port. The volume landed was slightly below that of 1958. The ex-vessel value of the catch was down 11 percent. Landings of ocean perch -- the principal item taken by Gloucester fishermen -- amounted to 58 million pounds in 1959. The catch was nearly 17 million pounds less than in 1958 and the lowest since 1940. There was a big drop in the catch of this species from local waters -- particularly large-size fish which were in demand. Ocean-perch trawlers made fewer trips in 1959. Many of these vessels turned to other fisheries for income. They were influenced by low prices and the small size of ocean perch. Landings of species taken in the industrial trawl fishery were less than in 1958. However, menhaden were abundant once again in New England waters. As a result, the total catch of industrial fish was well above that taken in 1958.

Landings at New Bedford, following the trend set at Boston and Gloucester, were less than in 1958. However, due to record-breaking landings of sea scallop meats (nearly 19 million pounds valued at 9 million dollars) the total value of the New Bedford landings was about 2 million dollars above that of 1958. The value of New Bedford landings (16 million dollars) was greater than for any other New England port. It was exceeded only by the amount paid for the catch landed at San Pedro, California.

Fishing grounds off the New England coast yielded nearly 419 million pounds or 84 percent of all Massachusetts landings reported on a current basis in 1959. Receipts from banks off Nova Scotia amounted to 71 million pounds; Grand Banks, 6 million pounds; and the Gulf of St. Lawrence, 4 million pounds. About 1 million pounds were taken in waters off the Middle Atlantic States. Of the total landings at Massachusetts ports, 83 percent were taken by otter trawl; 10 percent by purse seines; 4 percent by scallop dredges; and the remaining 3 percent by lines, harpoons, pound nets and traps, and gill nets.

There is shown on the following chart the statistical areas and subareas used in reporting the catch landed at certain Massachusetts ports.


CANADA
U. S. A.
NEWFOUNDLAND
NOVA SCOTIA
AREA XVIII
AREA XIX
AREA XX
AREA XXI
AREA XXII
AREA XXIII
SUBAREAS OF AREA XIX
A E.Gulf of St. Lawrence
B N.Gulf of St. Lawrence
C S.Gulf of St. Lawrence
SUBAREAS OF AREA XXII
B Eastern Maine
C Central Maine
D Western Maine
E Eastern Mass.
F Inner Grounds
G W. Side South Channel
H E. Side South Channel
J Northern Edge & NE Peak
M Central and SE. Georges
N Southwest Georges
O Nantucket Shoals and Lightship Grounds
Q Off No Man's Land
R Southern Mass.
S Rhode Island
T Connecticut Shore
SUBAREAS OF AREA XXI
A NE. Cape Breton
B Misaine Bank
C Banquero
D Canso
E Middle Ground
F NE.Sable Is.Bank
G SE. Sable Is.Bank
H Horseshoe Ground
J SW Sable Is.Bank
K E. Nova Scotia
L Emerald Bank
M Central Nova Scotia
N E. Browns & LaHave
O S. Nova Scotia
P Western Browns
Q W. Nova Scotia
R S. Bay of Fundy
S N. Bay of Fundy
SUBAREAS OF AREA XX
A Northern Grand Banks
B Flemish Cap
C S.E. Grand Banks
D S.W. Grand Banks
E St. Pierre Bank
50°
45°
70°
65°
60°
55°
50°
45°

LANDINGS AT MASSACHUSETTS PORTS

SUMMARY OF LANDINGS, 1959

SPECIES	BOSTON			GLOUCESTER			NEW BEDFORD		
	POUNDS	VALUE	AV. PRICE PER POUND	POUNDS	VALUE	AV. PRICE PER POUND	POUNDS	VALUE	AV. PRICE PER POUND
COD, DRAWN:									
LARGE	5,739,239	$492,225	8.58¢	1,478,295	$117,406	7.94¢	1,196,565	$102,647	8.58¢
MARKET	8,098,250	642,336	7.93	1,552,770	110,211	7.10	5,661,095	531,765	9.39
SCROD	3,871,716	297,510	7.68	202,405	12,241	6.05	62,790	4,243	6.76
CUSK, DRAWN	1,009,005	64,646	6.41	440,058	23,183	5.27	1,355	53	3.91
FLOUNDERS, ROUND:									
GRAY SOLE	493,935	85,819	17.37	1,024,877	138,557	13.52	489,330	62,102	12.69
LEMON SOLE	664,245	100,715	15.16	31,645	3,295	10.41	1,084,900	235,497	21.71
YELLOWTAIL	802,350	69,117	8.61	200,320	16,304	8.14	21,176,786	2,362,766	11.16
BLACKBACK	1,085,051	146,146	13.47	145,336	10,262	7.06	5,972,012	792,938	13.28
DAB	460,405	52,905	11.49	603,130	39,949	6.62	1,055,221	145,540	13.79
FLUKE	200	15	7.50	4,660	454	9.74	3,779,917	858,447	22.71
HADDOCK, DRAWN:									
LARGE	36,857,493	4,481,872	12.16	6,839,701	749,924	10.96	5,547,195	584,044	10.53
SCROD	35,520,143	3,760,586	10.59	5,263,508	520,072	9.88	3,883,775	360,416	9.28
HAKE:									
RED, ROUND	5,235	462	8.82	211,715	7,448	3.52	1,223,100	12,838	1.05
WHITE, DRESSED:									
LARGE	1,240,170	106,661	8.60	712,365	43,834	6.15	13,960	806	5.77
SMALL	8,660	483	5.58	440,046	19,411	4.41	10,130	389	3.84
HALIBUT, DRAWN	77,701	21,405	27.55	73,969	20,623	27.88	10,264	2,212	21.55
MACKEREL, ROUND	815	216	26.50	393,379	36,876	9.37	-	-	-
MENHADEN, ROUND	-	-	-	32,860,050	458,011	1.39	3,654,870	45,689	1.25
OCEAN PERCH, ROUND	3,280,076	172,169	5.25	58,197,060	2,377,065	4.08	-	-	-
POLLOCK, DRAWN	12,488,229	638,895	5.12	5,620,145	218,613	3.89	68,430	3,040	4.44
SCUP OR PORGY, ROUND	-	-	-	150	8	5.33	421,455	25,697	6.10
SWORDFISH, DRESSED	91,138	34,181	37.50	-	-	-	562,868	181,156	32.18
TILEFISH, DRAWN	-	-	-	-	-	-	358,995	57,458	16.00
WHITING:									
DRESSED	523,065	22,809	4.36	26,032	1,264	4.86	420	17	4.05
ROUND	163,720	3,661	2.24	61,771,019	1,242,050	2.01	359,575	4,800	1.33
WOLFFISH, DRAWN	724,095	52,313	7.22	95,183	5,123	5.38	2,685	71	2.64
SCALLOPS, SEA (MEATS)	-	-	-	46,295	21,834	47.16	18,814,359	9,097,241	48.35
UNCLASSIFIED:									
FOR FOOD	52,087	3,373	6.48	8,784,177	538,526	6.13	327,502	45,114	13.78
BAIT, REDUCTION, AND ANIMAL FOOD	-	-	-	41,704,216	385,392	0.92	32,221,230	228,679	0.71
TOTAL, AS LANDED	113,257,023	11,250,520	9.93	228,722,506	7,117,936	3.11	107,960,784	15,745,665	14.58
TOTAL 1958, AS LANDED	123,764,194	12,633,889	10.21	230,218,202	7,973,333	3.46	111,668,533	13,750,592	12.31

SEE NOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LANDINGS AT MASSACHUSETTS PORTS

SUMMARY OF LANDINGS, 1959 - Continued

SPECIES	OTHER MASSACHUSETTS PORTS			TOTAL					
				1959			1958		
	POUNDS	VALUE	AV. PRICE PER POUND	POUNDS	VALUE	AV. PRICE PER POUND	POUNDS	VALUE	AV. PRICE PER POUND
COD, DRAWN:									
LARGE	1,146,221	$96,516	8.42¢	9,560,320	$808,794	8.46¢	8,353,428	$760,116	9.10¢
MARKET	1,519,953	112,075	7.37	16,832,068	1,396,387	8.30	13,843,095	1,221,677	8.83
SCROD	132,139	7,818	5.92	4,269,050	321,812	7.54	6,148,199	509,031	8.28
CUSK, DRAWN	4,275	123	2.88	1,454,693	88,005	6.05	974,009	62,604	6.43
FLOUNDERS, ROUND:									
GRAY SOLE	92,868	11,030	11.88	2,101,010	297,508	14.16	2,042,872	304,257	14.89
LEMON SOLE	45,980	8,214	17.86	1,826,770	347,721	19.03	2,025,957	414,075	20.44
YELLOWTAIL	3,733,982	436,464	11.69	25,913,438	2,884,651	11.13	29,510,023	2,635,452	8.93
BLACKBACK	2,977,319	329,201	11.06	10,179,718	1,278,547	12.56	8,964,464	1,169,533	13.05
DAB	134,540	9,576	7.12	2,253,296	247,970	11.00	1,987,741	215,919	10.86
FLUKE	736,631	145,192	19.71	4,521,408	1,004,108	22.21	4,159,182	1,026,286	24.68
HADDOCK, DRAWN:									
LARGE	1,268,312	127,624	10.06	50,512,701	5,943,464	11.77	52,654,165	6,106,287	11.60
SCROD	492,021	37,749	7.67	45,159,447	4,678,823	10.36	48,675,256	5,282,170	10.85
HAKE:									
RED, ROUND	2,458,669	27,086	1.10	3,898,719	47,834	1.23	3,931,828	47,417	1.21
WHITE, DRESSED:									
LARGE	36,854	2,388	6.48	2,003,349	153,689	7.67	1,401,018	143,710	10.26
SMALL	13,993	588	4.20	472,829	20,871	4.41	331,444	16,842	5.08
HALIBUT, DRAWN	13,083	5,594	42.76	175,017	49,834	28.47	135,258	37,166	27.48
MACKEREL, ROUND	2,191,145	268,274	12.24	2,585,339	305,366	11.81	2,655,803	342,568	12.90
MENHADEN, ROUND	59,960	769	1.28	36,574,880	504,469	1.38	3,917,320	53,547	1.37
OCEAN PERCH, ROUND	675	54	8.00	61,477,811	2,549,288	4.15	77,577,141	3,273,105	4.22
POLLOCK, DRAWN	249,360	6,955	2.79	18,426,164	867,503	4.71	25,191,832	1,268,451	5.04
SCUP OR PORGY, ROUND	910,670	35,304	3.88	1,332,275	61,009	4.58	1,252,981	38,290	3.06
SWORDFISH, DRESSED	196,658	58,421	29.71	850,664	273,758	32.18	774,070	275,341	35.57
TILEFISH, DRAWN	1,940	190	9.79	360,935	57,648	15.97	1,002,535	95,917	9.57
WHITING:									
DRESSED	2,972,240	123,340	4.15	3,521,757	147,430	4.19	3,979,505	174,423	4.38
ROUND	14,948,900	282,671	1.89	77,243,214	1,533,182	1.98	74,428,659	1,776,292	2.89
WOLFFISH, DRAWN	32,039	1,379	4.30	854,002	58,886	6.90	776,178	62,722	8.08
SCALLOPS, SEA (MEATS)	190,777	95,634	50.13	19,051,431	9,214,709	48.37	15,946,815	7,716,458	48.39
UNCLASSIFIED:									
FOR FOOD	6,728,153	389,885	5.79	15,891,919	976,898	6.15	14,877,208	1,134,641	7.63
BAIT, REDUCTION, AND ANIMAL FOOD	7,709,320	111,062	1.44	81,634,766	725,133	0.89	108,868,872	993,858	0.91
TOTAL, AS LANDED	50,998,677	2,731,176	5.36	500,938,990	36,845,297	7.36	-	-	-
TOTAL 1958, AS LANDED	50,735,929	2,800,341	5.52	-	-	-	516,386,858	37,158,155	7.20

NOTE:--IN 1959, THE LANDINGS SHOWN ABOVE, WHICH WERE COLLECTED CURRENTLY DURING THE YEAR, ACCOUNTED FOR 98 PERCENT OF THE MASSACHUSETTS CATCH. TOTAL LANDINGS IN MASSACHUSETTS IN 1959 BASED ON WEIGHT OF MEATS FOR UNIVALVE AND BIVALVE MOLLUSKS, AND ROUND WEIGHT FOR ALL OTHER SPECIES, TOTALED 537,613,700 POUNDS WITH A VALUE OF $4[illegible],869,838 TO THE FISHERMEN. THE GRADES AND SIZES GIVEN FOR CERTAIN SPECIES IN THIS REPORT ARE THOSE RECOGNIZED IN THE TRADE. "LARGE" COD ARE CLASSIFIED AS THOSE WEIGHING OVER 10 POUNDS; "MARKET" COD, 2-1/2 TO 10 POUNDS; AND "SCROD" COD, 1-1/2 TO 2-1/2 POUNDS. "LARGE" HADDOCK ARE THOSE WEIGHING OVER 2-1/2 POUNDS, AND "SCROD" HADDOCK, 1-1/2 TO 2-1/2 POUNDS. "LARGE" HAKE ARE THOSE WEIGHING OVER 6 POUNDS, AND "SMALL" HAKE, UNDER 6 POUNDS. THE FOLLOWING TERMS INDICATE THE CONDITION IN WHICH LANDED: "ROUND", AS CAUGHT; "DRAWN", EVISCERATED; AND "DRESSED", EVISCERATED AND HEADED. THE CATEGORY "OTHER MASSACHUSETTS PORTS" INCLUDES PLYMOUTH, PROVINCETOWN AND OTHER CAPE COD PORTS.

LANDINGS AT MASSACHUSETTS PORTS

SUMMARY OF FISHERY - BY GEAR AND SUBAREA, 1959

GEAR AND SUBAREA	CRAFT FISHING	TRIPS	DAYS ABSENT	DAYS FISHED	COD, DRAWN			CUSK, DRAWN	FLOUNDERS, ROUND		
					LARGE	MARKET	SCROD		GRAY SOLE	LEMON SOLE	YELLOW-TAIL
	NUMBER	NUMBER	NUMBER	NUMBER	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
LINE TRAWLS:											
WESTERN MAINE	5	11.0	16	8.0	6,215	4,895	1,845	20,330	-	-	-
EASTERN MASSACHUSETTS	42	737.0	739	366.4	205,584	234,130	58,199	495,090	-	-	125
WEST SIDE SOUTH CHANNEL	26	1,309.0	1,309	654.5	565,692	570,044	-	3,560	122	7,230	45
INNER GROUNDS	4	9.0	21	9.2	3,975	6,740	3,500	21,520	-	-	-
TOTAL	1/68	2,066.0	2,085	1,038.1	781,466	815,809	63,544	540,500	122	7,230	170
HAND LINES:											
EASTERN MASSACHUSETTS	85	907.0	916	349.3	245,949	64,622	200	770	-	-	-
WEST SIDE SOUTH CHANNEL	13	138.0	138	69.0	18,268	45,769	-	-	-	5	-
TOTAL	98	1,045.0	1,054	418.3	264,217	110,391	200	770	-	5	-
HARPOONS:											
EASTERN MASSACHUSETTS	16	79.0	79	22.8	-	-	-	-	-	-	-
NORTHERN EDGE OF GEORGES	1	1.0	25	16.1	-	-	-	-	-	-	-
CENTRAL & S.E. GEORGES	2	3.0	28	16.0	-	-	-	-	-	-	-
SOUTHWEST GEORGES	1	1.0	5	3.5	-	-	-	-	-	-	-
NANTUCKET SHOALS & LIGHTSHIP	17	60.0	497	288.4	-	-	-	-	-	-	-
OFF NO MAN'S LAND	42	112.0	384	213.1	-	-	-	-	-	-	-
SOUTHERN MASSACHUSETTS	1	1.0	5	3.4	-	-	-	-	-	-	-
RHODE ISLAND SHORE	2	3.0	13	8.3	-	-	-	-	-	-	-
TOTAL	1/62	260.0	1,036	571.6	-	-	-	-	-	-	-
OTTER TRAWLS, LARGE:											
S.E. GRAND BANKS	7	14.1	225	45.2	-	6	-	8	-	-	-
S.W. GRAND BANKS	7	13.1	195	39.9	-	208	-	96	999	-	-
ST. PIERRE BANK	8	1.7	25	13.2	3,100	7,880	6,870	-	2,230	-	-
E. GULF ST. LAWRENCE	11	8.4	132	41.5	48	-	-	-	558	-	-
N. GULF ST. LAWRENCE	2	1.3	20	5.5	-	-	-	-	-	-	-
S. GULF ST. LAWRENCE	4	0.4	4	1.7	600	2,200	-	-	504	-	-
N.E. CAPE BRETON	12	20.6	262	84.8	13,399	23,135	35,260	-	35,475	-	-
MISAINE BANK	4	3.5	33	8.8	-	-	-	-	-	-	-
BANQUEREAU	19	31.4	350	115.9	9,456	39,210	125,285	812	90,356	-	22,100
CANSO	15	32.7	400	120.5	22,349	79,264	33,175	1,511	90,067	-	-
MIDDLE GROUND	10	7.7	104	28.3	2,722	2,525	1,450	1,225	93,964	-	-
N.E. SABLE ISLAND BANK	4	4.4	41	22.6	1,020	26,100	38,620	-	1,200	-	12,900
S.E. SABLE ISLAND BANK	2	0.2	2	1.1	-	-	-	-	-	-	-
HORSESHOE GROUND	32	64.5	791	271.9	149,130	200,572	108,410	26,555	57,148	100	28,300
S.W. SABLE ISLAND BANK	20	14.6	142	61.7	448,607	326,802	95,675	3,480	18,793	-	-
EASTERN NOVA SCOTIA	13	14.4	179	44.5	766	6,038	-	3,408	5,555	-	-
EMERALD BANK	34	30.7	301	137.1	115,948	128,385	32,365	8,076	9,798	920	1,875
CENTRAL NOVA SCOTIA	11	13.8	178	45.8	3,688	7,529	-	7,678	6,033	-	-
E. BROWNS & LA HAVE	21	10.5	108	54.8	11,896	14,829	2,585	5,697	3,584	800	1,600
SOUTHERN NOVA SCOTIA	25	15.8	189	59.8	26,832	22,635	2,240	2,926	10,009	550	-
WESTERN BROWNS	32	58.5	527	356.0	339,955	264,615	69,035	13,822	3,692	3,175	9,650
WESTERN NOVA SCOTIA	3	2.2	16	10.8	5,150	9,450	4,500	2,200	450	50	-
SOUTHERN BAY OF FUNDY	2	0.4	4	3.3	1,150	1,450	450	-	-	-	-
NORTHERN BAY OF FUNDY	4	4.8	38	27.6	11,455	12,030	3,550	1,800	1,950	-	-
EASTERN MAINE	6	5.0	45	27.5	5,955	12,470	5,190	3,450	3,450	-	-
WESTERN MAINE	1	1.0	4	1.5	265	185	-	1,000	375	-	-
EASTERN MASSACHUSETTS	2	0.8	7	3.5	130	300	75	15	-	-	115
INNER GROUNDS	13	7.6	46	25.2	605	3,388	762	1,628	1,780	180	235
W. SIDE SOUTH CHANNEL	31	51.0	412	296.5	77,786	313,017	80,389	9,483	13,962	8,915	11,987

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LANDINGS AT MASSACHUSETTS PORTS

SUMMARY OF FISHERY - BY GEAR AND SUBAREA, 1959 - Continued

GEAR AND SUBAREA	CRAFT FISHING	TRIPS	DAYS ABSENT	DAYS FISHED	COD, DRAWN			CUSK, DRAWN	FLOUNDERS, ROUND		
					LARGE	MARKET	SCROD		GRAY SOLE	LEMON SOLE	YELLOW-TAIL
	NUMBER	NUMBER	NUMBER	NUMBER	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
OTTER TRAWLS, LARGE - CONTINUED:											
E. SIDE SOUTH CHANNEL	34	113.7	1,031	718.4	196,831	233,993	112,832	47,989	36,653	101,653	49,482
NORTHERN EDGE OF GEORGES	31	326.0	2,922	2,126.7	1,412,547	2,747,582	1,677,067	130,660	7,275	121,829	68,920
CENTRAL & S.E. GEORGES	30	132.3	1,225	894.5	1,077,950	588,815	325,970	9,445	3,675	141,112	98,250
SOUTHWEST GEORGES	16	5.1	52	41.0	11,566	18,650	14,295	-	-	4,410	9,238
NANTUCKET SHOALS & LIGHTSHIP	6	4.8	42	30.7	3,906	20,900	7,275	200	300	4,260	4,838
TOTAL	1/47	1,017.0	10,052	5,767.8	3,954,812	5,114,163	2,778,325	283,164	499,835	387,954	319,490
OTTER TRAWLS, MEDIUM:											
S.E. GRAND BANKS	1	0.2	3	1.0	-	-	-	-	-	-	-
S.W. GRAND BANKS	1	0.6	11	2.7	-	-	-	-	-	-	-
E. GULF ST. LAWRENCE	5	13.2	195	52.0	45	165	75	180	81	-	-
N. GULF ST. LAWRENCE	1	1.5	24	6.2	-	-	-	-	-	-	-
N.E. CAPE BRETON	4	2.1	33	9.7	-	-	-	-	-	-	-
MISAINE BANK	2	0.5	5	3.0	250	7,000	-	125	3,655	-	-
BANQUEREAU	13	26.2	300	83.9	4,110	2,272	200	1,205	70,676	-	-
CANSO	9	7.8	89	21.8	665	8,402	137	-	63,025	-	-
MIDDLE GROUND	5	1.7	22	7.6	1,683	3,561	1,238	168	103,575	-	-
N.E. SABLE ISLAND BANK	1	1.0	5	4.0	-	8,960	-	-	4,220	-	23,875
HORSESHOE GROUND	15	16.0	154	50.0	11,503	15,544	25	12,658	27,917	78	110
S.W. SABLE ISLAND BANK	15	12.9	103	41.3	37,600	32,823	2,175	2,535	17,253	-	-
EASTERN NOVA SCOTIA	6	7.9	77	19.6	650	1,778	125	7,263	1,035	-	-
EMERALD BANK	18	13.3	112	32.4	23,858	40,250	2,634	1,844	873	713	1,610
CENTRAL NOVA SCOTIA	11	22.7	169	44.1	845	1,572	-	6,475	547	-	115
E. BROWNS & LA HAVE	22	16.0	144	69.0	23,991	21,576	5,465	18,201	3,333	75	1,350
SOUTHERN NOVA SCOTIA	30	47.0	378	119.9	24,897	35,807	4,489	6,670	10,594	165	1,300
WESTERN BROWNS	33	59.0	463	276.4	196,282	175,017	33,922	25,805	3,957	2,750	17,639
WESTERN NOVA SCOTIA	13	19.7	145	81.3	14,856	35,380	32,615	11,595	4,535	-	25
SOUTHERN BAY OF FUNDY	6	6.6	52	36.7	11,533	14,099	5,889	1,427	4,921	800	-
NORTHERN BAY OF FUNDY	14	22.8	186	126.0	48,250	58,075	27,805	8,440	5,960	-	-
EASTERN MAINE	19	26.1	180	99.0	35,323	60,063	23,213	9,988	8,033	550	525
CENTRAL MAINE	5	4.7	24	8.8	1,573	1,248	179	4,009	10,776	-	-
WESTERN MAINE	45	335.9	687	354.2	78,083	80,984	24,775	64,965	112,288	-	4,323
EASTERN MASSACHUSETTS	63	1,195.0	1,577	845.8	344,434	467,445	124,553	48,547	52,097	175	176,811
INNER GROUNDS	54	102.9	546	249.6	20,222	36,733	18,082	62,257	25,095	430	2,520
W. SIDE SOUTH CHANNEL	124	1,312.5	5,525	3,354.5	766,097	3,608,352	468,824	170,613	271,069	160,099	446,785
E. SIDE SOUTH CHANNEL	114	567.5	3,281	2,054.9	474,298	748,824	100,914	77,380	171,752	349,463	1,296,151
NORTHERN EDGE OF GEORGES	51	87.5	680	477.9	279,900	350,709	134,169	3,832	15,045	151,561	54,527
CENTRAL & S.E. GEORGES	67	299.1	2,169	1,420.7	428,863	394,950	53,202	1,865	51,520	338,351	4,068,292
SOUTHWEST GEORGES	67	116.9	787	542.9	49,398	224,287	24,900	1,827	22,558	79,956	1,372,539
NANTUCKET SHOALS & LIGHTSHIP	79	446.8	2,733	1,868.0	118,124	1,206,008	44,138	2,175	63,027	134,478	3,968,597
OFF NO MAN'S LAND	66	401.5	1,379	917.0	15,089	70,155	865	-	5,770	9,675	2,056,280
SOUTHERN MASSACHUSETTS	7	29.0	37	20.6	-	550	-	-	-	-	21,615
RHODE ISLAND SHORE	9	16.0	51	28.5	2,205	3,150	375	-	-	2,750	84,695
OFF LONG ISLAND	24	27.9	194	125.4	1,125	9,200	-	-	535	-	73,095
TOTAL	1/163	5,268.0	22,520	13,456.4	3,015,752	7,724,939	1,134,983	552,049	1,135,722	1,232,069	13,672,779
OTTER TRAWLS, SMALL:											
EASTERN MAINE	1	1.8	11	4.5	2,800	700	500	2,600	275	-	-
CENTRAL MAINE	4	4.1	14	6.2	9	137	-	1,624	5,245	-	-
WESTERN MAINE	32	278.6	547	282.5	212,495	90,638	11,821	22,211	63,356	100	18,337
EASTERN MASSACHUSETTS	143	8,958.0	9,404	4,702.9	601,299	913,525	256,804	33,551	103,877	3,337	1,983,459
INNER GROUNDS	7	31.4	103	49.1	6,747	18,167	2,483	12,497	10,936	-	573

(CONTINUED ON NEXT PAGE)

SEE FOOTNOTES AT END OF TABLE.

LANDINGS AT MASSACHUSETTS PORTS

SUMMARY OF FISHERY - BY GEAR AND SUBAREA, 1959 - Continued

GEAR AND SUBAREA	CRAFT FISHING	TRIPS	DAYS ABSENT	DAYS FISHED	COD, DRAWN			CUSK, DRAWN	FLOUNDERS, ROUND		
					LARGE	MARKET	SCROD		GRAY SOLE	LEMON SOLE	YELLOW-TAIL
	NUMBER	NUMBER	NUMBER	NUMBER	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
OTTER TRAWLS, SMALL - CONTINUED:											
W. SIDE SOUTH CHANNEL	97	947.3	1,770	1,018.4	206,801	766,257	9,534	3,662	100,627	29,425	740,345
E. SIDE SOUTH CHANNEL	23	62.6	319	211.5	33,845	43,210	371	50	62,500	31,165	133,753
NORTHERN EDGE OF GEORGES.	3	5.2	32	22.5	-	5,200	-	-	-	13,850	4,550
CENTRAL & S.E. GEORGES.	19	77.0	518	335.7	1,225	25,030	-	-	12,270	21,705	1,465,490
SOUTHWEST GEORGES	13	19.5	132	84.9	2,425	12,063	-	-	5,575	1,625	310,040
NANTUCKET SHOALS & LIGHTSHIP. . . .	78	464.3	1,964	1,350.3	55,375	674,417	4,605	-	14,880	81,130	2,919,467
OFF NO MAN'S LAND	100	1,259.7	2,670	1,763.4	27,155	209,840	950	125	20,895	1,715	3,816,992
SOUTHERN MASSACHUSETTS.	69	497.0	918	539.7	3,140	24,053	-	-	995	6,575	109,240
RHODE ISLAND SHORE.	18	19.5	80	39.0	1,600	1,900	-	-	150	-	135,815
OFF LONG ISLAND	17	27.0	127	78.8	1,810	23,430	-	-	150	-	62,618
TOTAL	1/220	12,653.0	18,609	10,489.4	1,156,726	2,808,567	287,068	76,320	401,731	190,627	11,700,679
FLOATING TRAPS, EASTERN MASSACHUSETTS.	15	876.0	876	876.0	50	4,379	220	-	-	-	-
SINK GILL NETS, EASTERN MASSACHUSETTS.	30	1,014.0	1,014	1,010.5	384,502	246,460	1,135	1,890	-	-	75
DRIFT GILL NETS, EASTERN MASSACHUSETTS.	12	58.0	58	33.9	-	-	-	-	-	-	-
PURSE SEINES:											
WESTERN MAINE	1	1.0	1	0.3	-	-	-	-	-	-	-
EASTERN MASSACHUSETTS	12	522.0	531	246.0	-	-	-	-	-	-	-
W. SIDE SOUTH CHANNEL	5	11.0	11	3.3	-	-	-	-	-	-	-
OFF NO MAN'S LAND	9	41.0	44	25.3	-	-	-	-	-	-	-
TOTAL	1/18	575.0	587	274.9	-	-	-	-	-	-	-
SCALLOP DREDGES:											
EASTERN MASSACHUSETTS	20	385.0	423	294.6	-	-	-	-	-	-	290
W. SIDE SOUTH CHANNEL	21	35.0	232	165.7	175	-	-	-	1,095	105	4,535
E. SIDE SOUTH CHANNEL	54	183.2	1,338	949.8	1,455	1,890	250	-	1,312	570	40,028
NORTHERN EDGE OF GEORGES.	68	616.6	4,667	3,089.4	-	190	-	-	1,265	4,870	14,020
CENTRAL & S.E. GEORGES.	50	129.9	1,004	679.2	-	520	125	-	9,280	450	16,720
SOUTHWEST GEORGES	64	533.6	3,645	2,606.9	500	1,485	-	-	47,738	250	104,067
NANTUCKET SHOALS & LIGHTSHIP. . . .	56	178.6	1,171	889.5	290	1,355	-	-	2,870	2,640	32,015
OFF NO MAN'S LAND	3	3.0	21	16.5	375	1,875	-	-	-	-	7,375
RHODE ISLAND SHORE.	6	32.0	232	164.1	-	-	-	-	-	-	595
OFF LONG ISLAND	15	33.1	255	180.0	-	-	-	-	40	-	600
TOTAL	1/93	2,130.0	12,988	9,035.7	2,795	7,315	375	-	63,600	8,885	220,245
POUND NETS:											
EASTERN MASSACHUSETTS	10	1,331.0	1,331	1,331.0	-	45	3,200	-	-	-	-
W. SIDE SOUTH CHANNEL	6	179.0	179	179.0	-	-	-	-	-	-	-
SOUTHERN MASSACHUSETTS.	7	132.0	132	132.0	-	-	-	-	-	-	-
TOTAL	1/17	1,642.0	1,642	1,642.0	-	45	3,200	-	-	-	-
GRAND TOTAL	843	28,604.0	72,521	44,614.6	9,560,320	16,832,068	4,269,050	1,454,693	2,101,010	1,826,770	25,913,438

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LANDINGS AT MASSACHUSETTS PORTS

SUMMARY OF FISHERY - BY GEAR AND SUBAREA, 1959 - Continued

GEAR AND SUBAREA	FLOUNDERS, ROUND - CONTINUED			HADDOCK, DRAWN		HAKE			HALIBUT, DRAWN	MACKEREL, ROUND	MENHADEN, ROUND
						RED, ROUND	WHITE, DRESSED				
	BLACK-BACK	DAB	FLUKE	LARGE	SCROD		LARGE	SMALL			
	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
LINE TRAWLS:											
WESTERN MAINE	-	-	-	7,410	590	-	28,490	50	59	-	-
EASTERN MASSACHUSETTS	950	-	605	690,518	59,825	5,075	205,595	5,525	20,590	50	-
WEST SIDE SOUTH CHANNEL	562	-	-	584,003	-	-	7,464	-	9,714	-	-
INNER GROUNDS	-	-	-	27,250	2,120	-	4,775	-	-	-	-
TOTAL	1,512	-	605	1,309,181	62,535	5,075	246,324	5,575	30,363	50	-
HAND LINES:											
EASTERN MASSACHUSETTS	1,725	-	1,584	1,204	-	-	-	-	145	860	-
WEST SIDE SOUTH CHANNEL	100	-	-	8,146	-	-	92	-	-	-	-
TOTAL	1,825	-	1,584	9,350	-	-	92	-	145	860	-
OTTER TRAWLS, LARGE:											
S.E. GRAND BANKS	-	12	-	25	35	-	92	-	935	-	-
S.W. GRAND BANKS	-	183	-	100	140	-	528	-	2,840	-	-
ST. PIERRE BANK	-	570	-	5,550	3,760	-	75	483	460	-	-
E. GULF ST. LAWRENCE	-	-	-	75	150	-	20	-	1,580	-	-
S. GULF ST. LAWRENCE	-	190	-	1,000	-	-	25	96	33	-	-
N.E. CAPE BRETON	-	4,000	-	95,032	213,656	-	28,100	-	756	-	-
MISAINE BANK	-	-	-	-	-	-	-	-	56	-	-
BANQUEREAU	-	10,700	-	58,531	147,304	-	1,028	30	8,097	-	-
CANSO	-	23,027	-	150,415	89,742	-	8,642	464	2,104	-	-
MIDDLE GROUND	-	11,660	-	13,494	6,799	-	1,500	30	147	-	-
N.E. SABLE ISLAND BANK	-	-	-	77,270	303,910	-	1,900	-	-	-	-
HORSESHOE GROUND	-	3,516	-	1,168,271	1,486,913	-	26,324	1,118	12,245	-	-
S.W. SABLE ISLAND BANK	-	3,993	-	545,170	448,310	-	1,725	60	4,768	-	-
EASTERN NOVA SCOTIA	-	653	-	26,736	18,099	-	5,042	414	1,205	-	-
EMERALD BANK	1,125	4,772	-	1,336,652	1,228,233	-	3,439	85	10,480	-	-
CENTRAL NOVA SCOTIA	-	795	-	15,220	17,149	-	9,349	595	1,052	-	-
E. BROWNS & LA HAVE	750	630	-	139,495	162,126	-	7,227	465	383	400	-
SOUTHERN NOVA SCOTIA	782	3,827	-	166,058	163,405	-	5,487	152	567	-	-
WESTERN BROWNS	2,675	27,172	-	2,066,070	1,699,545	-	11,150	-	1,427	-	-
WESTERN NOVA SCOTIA	-	-	-	14,540	11,750	-	1,400	-	200	-	-
SOUTHERN BAY OF FUNDY	-	-	-	8,750	4,950	-	-	-	-	-	-
NORTHERN BAY OF FUNDY	-	-	-	104,400	48,440	-	15,500	-	-	-	-
EASTERN MAINE	-	-	-	37,820	35,170	-	20,900	-	-	-	-
WESTERN MAINE	-	75	-	8,500	9,375	-	180	75	-	-	-
EASTERN MASSACHUSETTS	210	40	-	12,825	8,240	-	15	20	-	-	-
INNER GROUNDS	25	1,290	-	47,165	12,570	-	4,398	-	344	-	-
W. SIDE SOUTH CHANNEL	52,385	15,644	-	957,677	741,011	-	30,345	92	1,155	-	-
E. SIDE SOUTH CHANNEL	64,223	47,566	-	3,082,378	1,737,304	-	81,270	53	7,377	-	-
NORTHERN EDGE OF GEORGES	128,755	28,075	-	7,333,005	10,553,235	-	179,175	400	12,064	-	-
CENTRAL & S.E. GEORGES	133,921	20,700	-	3,852,190	3,790,323	-	16,709	33	6,963	-	-
SOUTHWEST GEORGES	5,010	-	-	167,335	126,275	-	-	-	221	-	-
NANTUCKET SHOALS & LIGHTSHIP	9,610	-	-	88,715	135,660	-	1,425	-	67	-	-
TOTAL	419,671	215,090	-	21,5 2,964	23,264,079	-	462,970	4,665	77,526	400	-

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LANDINGS AT MASSACHUSETTS PORTS

SUMMARY OF FISHERY - BY GEAR AND SUBAREA, 1959 - Continued

GEAR AND SUBAREA	FLOUNDERS, ROUND - CONTINUED			HADDOCK, DRAWN		HAKE			HALIBUT, DRAWN	MACKEREL, ROUND	MENHADEN, ROUND
							WHITE, DRESSED				
	BLACK-BACK	DAB	FLUKE	LARGE	SCROD	RED, ROUND	LARGE	SMALL			
	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
OTTER TRAWLS, MEDIUM:											
E. GULF ST. LAWRENCE	-	90	-	225	195	-	75	-	1,052	-	-
N.E. CAPE BRETON	-	-	-	-	-	-	-	-	192	-	-
MISAINE BANK	-	250	-	3,300	4,750	-	-	300	-	-	-
BANQUEREAU	-	2,384	-	915	710	-	1,504	943	4,559	-	-
CANSO	-	10,737	-	1,000	2,675	-	-	1,400	228	-	-
MIDDLE GROUND	-	10,220	-	1,720	1,500	-	-	-	-	-	-
N.E. SABLE ISLAND BANK	-	1,500	-	2,000	-	-	-	-	95	-	-
HORSESHOE GROUND	120	1,496	-	245,768	220,788	-	4,832	379	4,210	54	-
S.W. SABLE ISLAND BANK	-	5,177	-	561,185	430,737	-	4,341	45	5,446	-	-
EASTERN NOVA SCOTIA	-	665	-	2,750	4,410	-	2,465	2,725	1,715	-	-
EMERALD BANK	755	2,659	-	450,218	355,729	-	702	-	2,149	-	-
CENTRAL NOVA SCOTIA	-	614	-	4,059	5,237	-	2,605	2,193	619	6	-
E. BROWNS & LA HAVE	75	2,261	-	306,882	372,143	-	1,714	745	2,684	-	-
SOUTHERN NOVA SCOTIA	1,450	5,785	-	383,906	364,531	-	13,941	5,133	2,041	-	-
WESTERN BROWNS	3,622	24,999	-	1,669,295	1,507,991	-	8,160	-	6,330	-	-
WESTERN NOVA SCOTIA	18,500	2,700	-	136,246	175,015	-	24,174	3,000	-	-	-
SOUTHERN BAY OF FUNDY	7,702	1,073	-	91,599	107,162	-	26,484	90	35	-	-
NORTHERN BAY OF FUNDY	3,250	4,900	-	395,705	314,415	-	108,875	1,750	405	-	-
EASTERN MAINE	7,006	4,293	-	221,307	267,768	-	43,174	3,410	133	-	-
CENTRAL MAINE	-	2,437	-	3,039	4,403	775	3,447	1,329	130	-	-
WESTERN MAINE	3,079	35,261	-	490,660	456,206	102,833	118,951	89,423	2,163	-	-
EASTERN MASSACHUSETTS	130,914	167,029	580	558,590	517,954	94,963	102,514	86,224	1,659	695	-
INNER GROUNDS	1,087	13,562	-	493,762	195,485	1,269	38,526	11,921	1,495	-	-
W. SIDE SOUTH CHANNEL	1,324,453	155,636	3,993	7,807,142	6,079,005	10,815	363,800	74,930	7,355	900	-
E. SIDE SOUTH CHANNEL	410,720	718,825	8,898	6,040,206	3,242,076	3,175	132,443	18,074	7,057	-	-
NORTHERN EDGE OF GEORGES	200,040	91,910	470	1,027,737	1,794,264	-	13,822	-	2,363	-	-
CENTRAL & S.E. GEORGES	347,091	39,282	4,112	2,111,678	2,166,782	-	4,435	1,000	3,491	-	-
SOUTHWEST GEORGES	74,775	7,640	132,815	1,293,879	650,522	-	4,700	980	1,215	-	-
NANTUCKET SHOALS & LIGHTSHIP	1,189,874	11,549	1,464,706	1,125,520	1,052,112	-	15,321	4,225	3,180	-	-
OFF NO MAN'S LAND	186,441	156	544,110	29,559	12,077	37,000	30	615	-	-	-
SOUTHERN MASSACHUSETTS	8,940	-	2,441	-	-	-	-	-	-	-	-
RHODE ISLAND SHORE	3,165	-	4,370	5,510	24,040	-	-	470	-	-	-
OFF LONG ISLAND	700	-	304,410	-	-	-	-	160	-	-	-
TOTAL	3,923,759	1,325,090	2,470,905	25,465,362	20,330,682	250,830	1,041,035	311,464	62,001	1,655	-
OTTER TRAWLS, SMALL:											
EASTERN MAINE	1,300	1,700	-	5,375	5,610	-	500	125	-	-	-
CENTRAL MAINE	-	239	-	435	1,690	-	4,610	2,461	-	-	-
WESTERN MAINE	14,334	58,181	-	191,860	175,605	20,005	64,469	45,476	792	-	-
EASTERN MASSACHUSETTS	1,502,968	272,595	2,687	563,111	542,134	1,943,415	77,903	70,891	2,352	4,402	-
INNER GROUNDS	3,100	2,311	-	90,045	52,245	-	3,507	3,710	232	-	-
W. SIDE SOUTH CHANNEL	1,275,523	34,849	102,308	527,653	336,675	472,265	23,869	24,490	296	10	-
E. SIDE SOUTH CHANNEL	50,975	325,185	-	255,363	83,045	-	1,400	550	520	-	-
NORTHERN EDGE OF GEORGES	18,550	2,290	-	25,375	37,250	-	-	-	-	-	-
CENTRAL & S.E. GEORGES	20,065	3,450	2,505	110,660	126,665	-	-	-	-	-	-
SOUTHWEST GEORGES	4,038	7,650	625	58,830	28,357	-	-	-	-	-	-
NANTUCKET SHOALS & LIGHTSHIP	1,363,697	1,440	623,220	161,837	96,785	-	125	2,645	640	-	-
OFF NO MAN'S LAND	579,815	2,501	452,413	34,015	3,300	1,186,100	1,105	555	-	-	-
SOUTHERN MASSACHUSETTS	900,003	-	669,519	1,555	1,360	-	70	82	45	-	-
RHODE ISLAND SHORE	375	-	9,345	575	-	-	-	-	-	-	-
OFF LONG ISLAND	5,455	-	168,015	-	165	-	-	-	-	-	-
TOTAL	5,740,198	712,391	2,030,637	2,026,689	1,490,886	3,621,785	177,558	150,985	4,877	4,412	-

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LANDINGS AT MASSACHUSETTS PORTS

SUMMARY OF FISHERY - BY GEAR AND SUBAREA, 1959 - Continued

GEAR AND SUBAREA	FLOUNDERS, ROUND - CONTINUED			HADDOCK, DRAWN		HAKE			HALIBUT, DRAWN	MACKEREL, ROUND	MENHADEN, ROUND
	BLACK-BACK	DAB	FLUKE	LARGE	SCROD	RED, ROUND	WHITE, DRESSED				
							LARGE	SMALL			
	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
FLOATING TRAPS, EASTERN MASSACHUSETTS.	236	-	-	-	-	-	-	-	-	344,571	12,220
SINK GILL NETS, EASTERN MASSACHUSETTS.	75,052	-	-	110,930	-	-	75,370	140	105	-	-
DRIFT GILL NETS, EASTERN MASSACHUSETTS.	-	-	-	-	-	-	-	-	-	24,138	-
PURSE SEINES:											
WESTERN MAINE	-	-	-	-	-	-	-	-	-	2,625	-
EASTERN MASSACHUSETTS	-	-	-	-	-	-	-	-	-	115,375	31,464,660
W. SIDE SOUTH CHANNEL	-	-	-	-	-	-	-	-	-	-	1,383,170
OFF NO MAN'S LAND	-	-	-	-	-	-	-	-	-	-	3,654,870
TOTAL	-	-	-	-	-	-	-	-	-	118,000	36,502,700
SCALLOP DREDGES:											
EASTERN MASSACHUSETTS	2,765	-	-	-	-	-	-	-	-	-	-
W. SIDE SOUTH CHANNEL	495	125	-	35	240	-	-	-	-	-	-
E. SIDE SOUTH CHANNEL	1,095	60	-	1,595	880	-	-	-	-	-	-
NORTHERN EDGE OF GEORGES.	7,625	165	-	145	150	-	-	-	-	-	-
CENTRAL & S.E. GEORGES.	760	250	-	200	50	-	-	-	-	-	-
SOUTHWEST GEORGES	555	125	435	50	795	-	-	-	-	-	-
NANTUCKET SHOALS & LIGHTSHIP. . . .	3,115	-	-	600	1,550	-	-	-	-	-	-
OFF NO MAN'S LAND	-	-	3,300	-	-	-	-	-	-	-	-
OFF LONG ISLAND	-	-	300	-	-	-	-	-	-	-	-
TOTAL	16,410	725	4,535	2,625	3,665	-	-	-	-	-	-
POUND NETS:											
EASTERN MASSACHUSETTS	-	-	-	5,600	7,600	21,029	-	-	-	1,668,038	33,860
W. SIDE SOUTH CHANNEL	1,055	-	11,475	-	-	-	-	-	-	193,541	12,500
SOUTHERN MASSACHUSETTS.	-	-	1,667	-	-	-	-	-	-	229,674	13,600
TOTAL	1,055	-	13,142	5,600	7,600	21,029	-	-	-	2,091,253	59,960
GRAND TOTAL	10,179,718	2,253,296	4,521,408	50,512,701	45,159,447	3,898,719	2,003,349	472,829	175,017	2,585,339	36,574,880

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LANDINGS AT MASSACHUSETTS PORTS

SUMMARY OF FISHERY - BY GEAR AND SUBAREA, 1959 - Continued

GEAR AND SUBAREA	OCEAN PERCH, ROUND	POLLOCK, DRAWN	SCUP OR PORGY, ROUND	SWORD-FISH, DRESSED	WHITING		WOLF-FISH, DRAWN	SCALLOPS, SEA (MEATS)	OTHER, AS LANDED	TOTAL, AS LANDED
					DRESSED	ROUND				
	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
LINE TRAWLS:										
WESTERN MAINE	-	425	-	-	-	-	25	-	545	70,879
EASTERN MASSACHUSETTS	-	30,845	-	-	570	100	1,940	-	224,898	2,240,214
WEST SIDE SOUTH CHANNEL	-	36,170	-	-	-	-	10,329	-	-	1,794,935
INNER GROUNDS	-	1,680	-	-	-	-	80	-	120	71,760
TOTAL	-	69,120	-	-	570	100	12,374	-	225,563	4,177,788
HAND LINES:										
WESTERN MAINE	-	-	-	-	-	-	-	-	2/361	361
EASTERN MASSACHUSETTS	-	57,207	-	-	-	-	60	-	113,722	488,048
WEST SIDE SOUTH CHANNEL	-	667	-	-	-	-	-	-	-	73,047
OFF NO MAN'S LAND	-	-	-	-	-	-	-	-	2/2,440	2,440
TOTAL	-	57,874	-	-	-	-	60	-	116,523	563,896
HARPOONS:										
EASTERN MASSACHUSETTS	-	-	-	-	-	-	-	-	59,529	59,529
NORTHERN EDGE OF GEORGES	-	-	-	15,809	-	-	-	-	-	15,809
CENTRAL & S.E. GEORGES	-	-	-	30,725	-	-	-	-	-	30,725
SOUTHWEST GEORGES	-	-	-	5,769	-	-	-	-	-	5,769
SOUTHWEST GEORGES (OCC.)	-	-	-	141	-	-	-	-	-	141
NANTUCKET SHOALS & LIGHTSHIP	-	-	-	526,007	-	-	-	-	-	526,007
NANTUCKET SHOALS & LIGHTSHIP (OCC.)	-	-	-	183	-	-	-	-	-	183
OFF NO MAN'S LAND	-	-	-	251,046	-	-	-	-	-	251,046
OFF NO MAN'S LAND (OCC.)	-	-	-	1,683	-	-	-	-	-	1,683
SOUTHERN MASSACHUSETTS	-	-	-	5,450	-	-	-	-	-	5,450
RHODE ISLAND SHORE	-	-	-	9,718	-	-	-	-	-	9,718
TOTAL	-	-	-	846,531	-	-	-	-	59,529	906,060
OTTER TRAWLS, LARGE:										
S.E. GRAND BANKS	2,992,250	2,915	-	-	-	-	-	-	-	2,996,278
S.W. GRAND BANKS	2,882,682	3,500	-	-	-	-	-	-	-	2,891 276
ST. PIERRE BANK	262,496	4,200	-	-	-	-	94	-	99	292,867
E. GULF ST. LAWRENCE	1,557,665	2,320	-	-	-	-	-	-	3,200	1,565,516
N. GULF ST. LAWRENCE	262,600	-	-	-	-	-	-	-	-	262,600
S. GULF ST. LAWRENCE	-	1,000	-	-	-	-	22	-	33	5,703
N.E. CAPE BRETON	3,156,715	29,140	-	-	-	-	300	-	-	3,634,968
MISAINE BANK	721,000	-	-	-	-	-	-	-	-	721,056
BANQUEREAU	4,282,958	38,105	-	-	-	-	753	-	3,860	4,838,585
CANSO	5,211,842	46,259	-	-	-	-	3,066	-	14,698	5,776,625
MIDDLE GROUND	1,057,041	36,395	-	-	-	-	375	-	-	1,229,327
N.E. SABLE ISLAND BANK	-	22,150	-	-	-	-	300	-	-	485,370
HORSESHOE GROUND	5,915,616	959,111	-	-	-	-	27,139	-	37,300	10,213,768
S.W. SABLE ISLAND BANK	375	262,025	-	-	-	-	21,875	-	-	2,182,158
EASTERN NOVA SCOTIA	2,164,094	80,451	-	-	-	-	1,368	-	2,540	2,316,369
EMERALD BANK	990,375	197,747	-	-	-	-	20,688	-	1,500	4,094,663
CENTRAL NOVA SCOTIA	2,045,739	52,170	-	-	-	-	2,329	-	-	2,169,326
E. BROWNS & LA HAVE	529,988	162,022	-	-	-	-	909	-	7,500	1,052,886
SOUTHERN NOVA SCOTIA	1,217,329	249,210	-	-	-	-	3,232	-	1,000	1,876,241
WESTERN BROWNS	42,150	725,307	-	-	12,500	-	142,900	-	100	5,435,140
WESTERN NOVA SCOTIA	23,300	118,300	-	-	-	-	-	-	-	191,590
SOUTHERN BAY OF FUNDY	-	3,350	-	-	-	-	-	-	-	20,100
NORTHERN BAY OF FUNDY	12,750	14,950	-	-	975	-	950	-	-	228,750
EASTERN MAINE	65,100	141,785	-	-	1,250	-	200	-	250	332,990
WESTERN MAINE	-	5,050	-	-	-	-	-	-	-	25,080
EASTERN MASSACHUSETTS	2,705	1,700	-	-	-	-	25	-	-	26,415

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LANDINGS AT MASSACHUSETTS PORTS

SUMMARY OF FISHERY - BY GEAR AND SUBAREA, 1959 - Continued

GEAR AND SUBAREA	OCEAN PERCH, ROUND	POLLOCK, DRAWN	SCUP OR PORGY, ROUND	SWORD-FISH, DRESSED	WHITING		WOLF-FISH, DRAWN	SCALLOPS, SEA (MEATS)	OTHER, AS LANDED	TOTAL, AS LANDED
					DRESSED	ROUND				
	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
OTTER TRAWLS, LARGE - CONTINUED:										
INNER GROUNDS	35,390	74,310	-	-	-	-	13	-	750	184,833
W. SIDE SOUTH CHANNEL	174,416	487,845	-	-	10,000	367,000	3,290	-	9,427	3,365,826
E. SIDE SOUTH CHANNEL	224,564	1,685,795	-	-	1,800	87,425	37,384	-	1,462	7,918,034
NORTHERN EDGE OF GEORGES	25,650	2,577,451	-	-	-	-	72,750	-	1,780	27,078,220
CENTRAL & S.E. GEORGES	8,375	151,405	-	-	-	-	41,748	-	175	10,267,759
SOUTHWEST GEORGES	-	3,057	-	-	-	-	3,500	-	-	363,557
NANTUCKET SHOALS & LIGHTSHIP	-	4,427	-	-	-	-	50	-	-	281,633
TOTAL	35,865,165	8,143,452	-	-	26,525	454,425	385,260	-	85,674	104,325,609
OTTER TRAWLS, MEDIUM:										
S.E. GRAND BANKS	36,320	-	-	-	-	-	-	-	-	36,320
S.W. GRAND BANKS	127,120	-	-	-	-	-	-	-	-	127,120
E. GULF ST. LAWRENCE	2,168,204	1,320	-	-	-	-	-	-	-	2,171,707
N. GULF ST. LAWRENCE	286,000	-	-	-	-	-	-	-	-	286,000
N.E. CAPE BRETON	224,540	-	-	-	-	-	-	-	6,000	230,732
MISAINE BANK	13,500	3,000	-	-	-	-	-	-	-	36,130
BANQUEREAU	3,401,280	6,751	-	-	-	-	550	-	-	3,498,059
CANSO	664,240	9,757	-	-	-	-	860	-	31,000	794,126
MIDDLE GROUND	65,950	3,053	-	-	-	-	-	-	-	192,668
N.E. SABLE ISLAND BANK	-	40	-	-	-	-	55	-	-	40,745
HORSESHOE GROUND	1,176,340	224,750	-	-	-	-	3,664	-	30	1,950,266
S.W. SABLE ISLAND BANK	-	83,240	-	-	-	54	8,420	-	585	1,191,616
EASTERN NOVA SCOTIA	1,002,896	61,963	-	-	-	-	-	-	4,350	1,094,790
EMERALD BANK	106,300	38,019	-	-	1,000	-	2,468	-	100	1,031,881
CENTRAL NOVA SCOTIA	2,006,711	26,789	-	-	-	-	227	-	1,095	2,059,709
E. BROWNS & LA HAVE	524,553	111,787	-	-	-	-	16,351	-	3,030	1,416,216
SOUTHERN NOVA SCOTIA	2,124,614	310,080	-	-	-	1,006	20,660	-	36,665	3,353,734
WESTERN BROWNS	143,900	390,720	-	-	-	125	171,951	-	-	4,382,465
WESTERN NOVA SCOTIA	292,465	620,653	-	-	-	-	3,261	-	-	1,375,020
SOUTHERN BAY OF FUNDY	23,070	73,747	-	-	-	-	3,880	-	135	373,646
NORTHERN BAY OF FUNDY	121,825	244,615	-	-	-	-	4,010	-	550	1,348,830
EASTERN MAINE	167,810	437,394	-	-	-	-	7,460	-	1,840	1,299,290
CENTRAL MAINE	54,550	21,712	-	-	-	85,190	30	-	2,410	197,237
WESTERN MAINE	713,266	586,997	-	-	775	5,136,895	4,287	-	634,982	8,741,196
EASTERN MASSACHUSETTS	376,740	1,034,156	5	-	132,210	10,304,082	46,973	-	8,102,766	22,872,116
INNER GROUNDS	2,500,195	475,476	-	-	250	37,555	1,601	-	40,300	3,977,823
W. SIDE SOUTH CHANNEL	4,557,364	2,342,896	1,330	-	169,985	16,055,331	49,672	-	10,473,922	55,370,368
E. SIDE SOUTH CHANNEL	1,248,442	870,828	400	-	128,767	10,639,240	37,984	-	418,468	27,144,385
NORTHERN EDGE OF GEORGES	6,265	66,317	-	-	-	-	11,737	-	320	4,204,988
CENTRAL & S.E. GEORGES	4,800	51,132	3,700	1,036	-	-	5,488	-	1,517	10,082,587
SOUTHWEST GEORGES	2,037	24,215	-	-	3,900	3,125	4,667	-	11,387	3,991,322
NANTUCKET SHOALS & LIGHTSHIP	27,855	37,359	43,605	-	5,600	-	8,753	-	502,067	11,028,273
OFF NO MAN'S LAND	-	1,132	176,585	-	-	1,541,000	209	-	10,549,090	15,235,838
SOUTHERN MASSACHUSETTS	-	-	390,580	-	-	-	-	-	202,030	626,156
RHODE ISLAND SHORE	-	-	3,295	-	-	-	-	-	428,225	562,250
OFF LONG ISLAND	-	-	18,905	-	-	-	-	-	3,960	412,090
TOTAL	24,169,152	8,159,898	638,405	1,036	442,487	43,803,603	415,218	-	31,456,824	192,737,699
OTTER TRAWLS, SMALL:										
EASTERN MAINE	23,900	21,000	-	-	-	-	-	-	-	66,385
CENTRAL MAINE	190	1,583	-	-	-	159,606	-	-	-	177,829

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LANDINGS AT MASSACHUSETTS PORTS

SUMMARY OF FISHERY - BY GEAR AND SUBAREA, 1959 - Continued

GEAR AND SUBAREA	OCEAN PERCH, ROUND	POLLOCK, DRAWN	SCUP OR PORGY, ROUND	SWORD-FISH, DRESSED	WHITING		WOLF-FISH, DRAWN	SCALLOPS, SEA (MEATS)	OTHER, AS LANDED	TOTAL, AS LANDED
					DRESSED	ROUND				
	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
OTTER TRAWLS, SMALL - CONTINUED:										
WESTERN MAINE	238,686	189,179	-	-	5,645	6,527,950	7,426	-	510,495	8,469,061
EASTERN MASSACHUSETTS	330,674	852,784	755	-	2,827,230	20,619,048	20,119	61	13,448,968	46,977,949
INNER GROUNDS	599,257	76,719	-	-	-	3,040	-	-	300	885,869
W. SIDE SOUTH CHANNEL	250,787	63,702	2,020	750	218,880	4,747,135	12,710	-	8,322,593	18,273,166
E. SIDE SOUTH CHANNEL	-	3,612	-	-	-	150,000	485	-	135,710	1,311,739
NORTHERN EDGE OF GEORGES	-	-	-	-	-	-	-	-	-	107,065
CENTRAL & S.E. GEORGES	-	-	-	-	-	-	-	-	1,376	1,790,441
SOUTHWEST GEORGES	-	875	-	-	-	-	-	-	700	432,803
NANTUCKET SHOALS & LIGHTSHIP	-	-	33,940	-	-	-	155	-	286,625	6,320,983
OFF NO MAN'S LAND	-	195	177,160	2,347	420	354,075	115	48	23,035,495	29,907,331
SOUTHERN MASSACHUSETTS	-	35	376,340	-	-	-	75	-	59,565	2,152,652
RHODE ISLAND SHORE	-	-	785	-	-	-	-	-	53,135	203,680
OFF LONG ISLAND	-	-	5,510	-	-	-	-	-	4,150	271,303
TOTAL	1,443,494	1,209,684	596,510	3,097	3,052,175	32,560,854	41,085	109	45,859,112	117,348,256
FLOATING TRAPS, EASTERN MASSACHUSETTS	-	4,194	-	-	-	285,475	-	-	878,629	1,529,974
SINK GILL NETS, EASTERN MASSACHUSETTS	-	690,489	-	-	-	645	5	-	353,295	1,940,093
DRIFT GILL NETS, EASTERN MASSACHUSETTS	-	-	-	-	-	-	-	-	1,635	25,773
PURSE SEINES:										
WESTERN MAINE	-	-	-	-	-	-	-	-	4,680	7,305
EASTERN MASSACHUSETTS	-	-	-	-	-	-	-	-	12,803,126	44,383,161
W. SIDE SOUTH CHANNEL	-	-	-	-	-	-	-	-	-	1,383,170
OFF NO MAN'S LAND	-	-	-	-	-	-	-	-	-	3,654,870
TOTAL	-	-	-	-	-	-	-	-	12,807,806	49,428,506
SCALLOP DREDGES:										
EASTERN MASSACHUSETTS	-	-	-	-	-	-	-	141,486	510	145,051
W. SIDE SOUTH CHANNEL	-	-	-	-	-	-	-	353,943	-	360,748
E. SIDE SOUTH CHANNEL	-	-	-	-	-	-	-	1,878,963	-	1,928,098
NORTHERN EDGE OF GEORGES	-	-	-	-	-	-	-	6,654,346	-	6,682,776
CENTRAL & S.E. GEORGES	-	-	-	-	-	-	-	1,418,482	-	1,446,837
SOUTHWEST GEORGES	-	-	-	-	-	-	-	6,121,533	-	6,277,533
NANTUCKET SHOALS & LIGHTSHIP	-	-	-	-	-	-	-	1,914,587	-	1,959,022
OFF NO MAN'S LAND	-	-	500	-	-	-	-	18,898	-	32,823
RHODE ISLAND SHORE	-	-	-	-	-	-	-	256,602	-	257,197
OFF LONG ISLAND	-	-	-	-	-	-	-	292,482	-	293,422
TOTAL	-	-	500	-	-	-	-	19,051,322	510	19,383,507
POUND NETS:										
EASTERN MASSACHUSETTS	-	91,453	-	-	-	138,112	-	-	4,928,678	6,897,615
W. SIDE SOUTH CHANNEL	-	-	3,554	-	-	-	-	-	612,468	834,593
SOUTHERN MASSACHUSETTS	-	-	93,306	-	-	-	-	-	501,374	839,621
TOTAL	-	91,453	96,860	-	-	138,112	-	-	6,042,520	8,571,829
GRAND TOTAL	61,477,811	18,426,164	1,332,275	850,664	3,521,757	77,243,214	854,002	19,051,431	97,887,620	500,938,990

[1] EXCLUSIVE OF DUPLICATION. [2] INCIDENTAL CATCH. NOTE:--THIS REPORT IS COMPILED FROM MASSACHUSETTS LANDINGS REPORTED CURRENTLY AND REPRESENTS OVER 99 PERCENT OF THE CATCH OF BOTH FINFISH AND SEA SCALLOPS. ADDITIONAL LANDINGS CONSIST MOSTLY OF LOBSTERS, CLAMS, SQUID AND BAY SCALLOPS. OTTER TRAWLS ARE CLASSIFIED ACCORDING TO SIZE OF THE CRAFT. "SMALL" OTTER TRAWL CRAFT ARE THOSE 50 GROSS TONS CAPACITY OR UNDER; "MEDIUM", 51 GROSS TONS TO 150 GROSS TONS; AND "LARGE", 151 GROSS TONS OR GREATER. A SINGLE TRIP IS REPORTED FOR EACH VOYAGE. DAYS ABSENT IS THE MEASURE OF TIME, TO THE NEAREST COMPLETE DAY, THAT A VESSEL IS AWAY FROM PORT DURING A FISHING TRIP. WHEN A CRAFT OPERATES IN TWO OR MORE SUBAREAS DURING A VOYAGE, A FRACTIONAL PART (IN TENTHS) OF THE TRIP IS ALLOTTED TO THE SUBAREA ON THE BASIS OF THE CATCH TAKEN IN EACH SUBAREA. "OCCASIONAL" AFTER THE NAME OF A SUBAREA INDICATES THAT THE CRAFT CONTRIBUTING TO THE CATCH AS SHOWN FISHED CHIEFLY WITH ANOTHER TYPE OF GEAR. DAYS FISHED IS THE TIME ACTUAL FISHING OPERATIONS WERE CARRIED ON, EXPRESSED TO THE NEAREST TENTH OF A DAY. TO OBTAIN FISHING TIME IN HOURS, MULTIPLY NUMBER OF DAYS FISHED BY 24.

LANDINGS AT MASSACHUSETTS PORTS

SUMMARY OF FISHERY - BY AREA AND SUBAREA, 1959

AREA AND SUBAREA	CRAFT FISHING	TRIPS	DAYS ABSENT	DAYS FISHED	COD, DRAWN			CUSK, DRAWN	FLOUNDERS, ROUND		
					LARGE	MARKET	SCROD		GRAY SOLE	LEMON SOLE	YELLOW-TAIL
	NUMBER	NUMBER	NUMBER	NUMBER	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
GULF OF ST. LAWRENCE (AREA XIX):											
E. GULF ST. LAWRENCE	16	21.6	327	93.5	93	165	75	180	639	-	-
N. GULF ST. LAWRENCE	3	2.8	44	11.7	-	-	-	-	-	-	-
S. GULF ST. LAWRENCE	4	0.4	4	1.7	600	2,200	-	-	504	-	-
TOTAL	1/17	24.8	375	106.9	693	2,365	75	180	1,143	-	-
OFF GRAND BANKS (AREA XX):											
S.E. GRAND BANKS	8	14.3	228	46.2	-	6	-	8	-	-	-
S.W. GRAND BANKS	8	13.7	206	42.6	-	208	-	96	999	-	-
ST. PIERRE BANK	8	1.7	25	13.2	3,100	7,880	1,870	-	2,230	-	-
TOTAL	1/12	29.7	459	102.0	3,100	8,094	1,870	104	3,229	-	-
OFF NOVA SCOTIA (AREA XXI):											
N.E. CAPE BRETON	16	22.7	295	94.5	13,399	23,135	35,260	-	35,475	-	-
MISAINE BANK	6	4.0	38	11.8	250	7,000	-	125	3,655	-	-
BANQUEREAU	32	57.6	650	199.8	13,566	41,482	125,485	2,017	161,032	-	22,100
CANSO	24	40.5	489	142.3	23,014	87,666	33,312	1,511	153,092	-	-
MIDDLE GROUND	15	9.4	126	35.9	4,405	6,086	2,688	1,393	197,539	-	-
N.E. SABLE ISLAND BANK	5	5.4	46	26.6	1,020	35,060	38,620	-	5,420	-	36,775
S.E. SABLE ISLAND BANK	2	0.2	2	1.1	-	-	-	-	-	-	-
HORSESHOE GROUND	47	80.5	945	321.9	160,633	216,116	108,435	39,213	85,065	178	28,410
S.W. SABLE ISLAND BANK	35	27.5	245	103.0	486,207	359,625	97,850	6,015	36,046	-	-
EASTERN NOVA SCOTIA	19	22.3	256	64.1	1,416	7,816	125	10,671	6,590	-	-
EMERALD BANK	52	44.0	413	169.5	139,806	168,635	34,999	9,920	10,671	1,633	3,485
CENTRAL NOVA SCOTIA	22	36.5	347	89.9	4,533	9,101	-	14,153	6,580	-	115
E. BROWNS & LA HAVE	43	26.5	252	123.8	35,887	36,405	8,050	23,898	6,917	875	2,950
SOUTHERN NOVA SCOTIA	55	62.8	567	179.7	51,729	58,442	6,729	9,596	20,603	715	1,300
WESTERN BROWNS	65	117.5	990	632.4	536,237	439,632	102,957	39,627	7,649	5,925	27,289
WESTERN NOVA SCOTIA	16	21.9	161	92.1	20,006	44,830	37,115	13,795	4,985	50	25
SOUTHERN BAY OF FUNDY	8	7.0	56	40.0	12,683	15,549	6,339	1,427	4,921	800	-
NORTHERN BAY OF FUNDY	18	27.6	224	153.6	59,705	70,105	31,355	10,240	7,910	-	-
TOTAL	1/102	613.9	6,102	2,482.0	1,564,496	1,626,685	669,319	183,601	754,150	10,176	122,449
NEW ENGLAND (AREA XXII):											
EASTERN MAINE	26	32.9	236	131.0	44,078	73,233	28,903	16,038	11,758	550	525
CENTRAL MAINE	9	8.8	38	15.0	1,582	1,385	179	5,633	16,021	-	-
WESTERN MAINE	84	627.5	1,255	646.5	297,058	176,702	38,441	108,506	176,019	100	22,660
EASTERN MASSACHUSETTS	392	16,062.8	16,955	10,082.7	1,781,948	1,930,906	444,386	579,863	155,974	3,512	2,160,875
INNER GROUNDS	78	150.9	716	333.1	31,549	65,028	24,827	97,902	37,811	610	3,328
W. SIDE SOUTH CHANNEL	319	3,982.8	9,576	5,740.9	1,634,819	5,303,439	558,747	187,318	386,875	205,779	1,203,697
E. SIDE SOUTH CHANNEL	226	927.0	5,969	3,934.6	706,429	1,027,917	214,367	125,419	272,217	482,851	1,519,414
NORTHERN EDGE OF GEORGES	153	1,036.3	8,326	5,732.6	1,692,447	3,103,681	1,811,236	134,492	23,585	292,110	142,017
CENTRAL & S.E. GEORGES	168	641.3	4,944	3,346.1	1,508,038	1,009,315	379,297	11,310	76,745	501,618	5,648,752
SOUTHWEST GEORGES	159	676.1	4,621	3,279.2	63,889	256,485	39,195	1,827	75,871	86,241	1,795,884
NANTUCKET SHOALS & LIGHTSHIP	220	1,154.5	6,407	4,426.9	177,695	1,902,680	56,018	2,375	81,077	222,508	6,924,917
OFF NO MAN'S LAND	194	1,817.2	4,498	2,935.3	42,619	281,870	1,815	125	26,665	11,390	5,880,647
SOUTHERN MASSACHUSETTS	83	659.0	1,092	695.7	3,140	24,603	-	-	995	6,575	130,855
RHODE ISLAND SHORE	34	70.5	376	239.9	3,805	5,050	375	-	150	2,750	221,105
TOTAL	1/727	27,847.6	65,009	41,539.5	7,989,096	15,162,294	3,597,786	1,270,808	1,341,763	1,816,594	25,654,676
OFF MIDDLE ATLANTIC STATES (AREA XXIII), OFF LONG ISLAND	56	88.0	576	384.2	2,935	32,630	-	-	725	-	136,313
GRAND TOTAL	1/843	28,604.0	72,521	44,614.6	9,560,320	16,832,068	4,269,050	1,454,693	2,101,010	1,826,770	25,913,438

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LANDINGS AT MASSACHUSETTS PORTS

SUMMARY OF FISHERY - BY AREA AND SUBAREA, 1959 - Continued

AREA AND SUBAREA	FLOUNDERS, ROUND - CONTINUED			HADDOCK, DRAWN		HAKE			HALIBUT, DRAWN	MACKEREL, ROUND	MENHADEN, ROUND
	BLACK-BACK	DAB	FLUKE	LARGE	SCROD	RED, ROUND	WHITE, DRESSED				
							LARGE	SMALL			
GULF OF ST. LAWRENCE (AREA XIX):	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
E. GULF ST. LAWRENCE.	-	90	-	300	345	-	95	-	2,632	-	-
S. GULF ST. LAWRENCE.	-	190	-	1,000	-	-	25	96	33	-	-
TOTAL	-	280	-	1,300	345	-	120	96	2,665	-	-
OFF GRAND BANKS (AREA XX):											
S.E. GRAND BANKS.	-	12	-	25	35	-	92	-	935	-	-
S.W. GRAND BANKS.	-	183	-	100	140	-	528	-	2,840	-	-
ST. PIERRE BANK	-	570	-	5,550	3,760	-	75	483	460	-	-
TOTAL	-	765	-	5,675	3,935	-	695	483	4,235	-	-
OFF NOVA SCOTIA (AREA XXI):											
N.E. CAPE BRETON.	-	4,000	-	95,032	213,656	-	28,100	-	948	-	-
MISAINE BANK.	-	250	-	3,300	4,750	-	-	300	56	-	-
BANQUEREAU.	-	13,084	-	59,446	148,014	-	2,532	973	12,656	-	-
CANSO	-	33,764	-	151,415	92,417	-	8,642	1,864	2,332	-	-
MIDDLE GROUND	-	21,880	-	15,214	8,299	-	1,500	30	147	-	-
N.E. SABLE ISLAND BANK.	-	1,500	-	79,270	303,910	-	1,900	-	95	-	-
HORSESHOE GROUND.	120	11,012	-	1,414,039	1,707,701	-	31,156	1,497	16,455	54	-
S.W. SABLE ISLAND BANK.	-	9,170	-	1,106,355	879,547	-	6,066	105	10,214	-	-
EASTERN NOVA SCOTIA	-	1,318	-	29,486	22,509	-	7,507	3,139	2,920	-	-
EMERALD BANK.	1,880	7,431	-	1,789,070	1,583,962	-	4,141	85	12,629	-	-
CENTRAL NOVA SCOTIA	-	1,409	-	19,279	22,386	-	11,954	2,788	1,671	6	-
E. BROWNS & LA HAVE	825	2,891	-	446,377	534,269	-	8,941	1,210	3,067	400	-
SOUTHERN NOVA SCOTIA.	2,232	9,612	-	549,964	527,936	-	19,428	5,285	2,608	-	-
WESTERN BROWNS.	6,497	52,171	-	3,735,365	3,207,536	-	19,310	-	7,757	-	-
WESTERN NOVA SCOTIA	18,500	2,700	-	151,086	186,765	-	25,574	3,000	200	-	-
SOUTHERN BAY OF FUNDY	7,702	1,073	-	100,349	112,112	-	26,484	90	35	-	-
NORTHERN BAY OF FUNDY	3,250	4,900	-	500,105	362,855	-	124,375	1,750	405	-	-
TOTAL	41,006	178,165	-	10,245,152	9,918,624	-	327,610	22,116	74,195	460	-
NEW ENGLAND (AREA XXII):											
EASTERN MAINE	8,306	5,993	-	264,502	308,548	-	64,574	3,535	133	-	-
CENTRAL MAINE	-	2,676	-	3,474	6,093	775	8,057	3,790	130	-	-
WESTERN MAINE	17,413	93,517	-	698,430	641,776	122,838	212,090	135,024	3,014	2,625	-
EASTERN MASSACHUSETTS	1,714,820	439,664	5,456	1,942,778	1,135,753	2,064,482	461,397	162,800	24,851	2,158,129	31,510,740
INNER GROUNDS	4,212	17,163	-	658,222	262,420	1,269	51,206	15,631	2,071	-	-
W. SIDE SOUTH CHANNEL	2,654,573	206,254	117,776	9,884,656	7,156,931	483,080	425,570	99,512	18,520	194,451	1,395,670
E. SIDE SOUTH CHANNEL	547,013	1,091,636	8,898	9,379,542	5,123,305	3,175	215,113	18,677	14,954	-	-
NORTHERN EDGE OF GEORGES.	354,970	122,440	470	8,386,262	12,384,899	-	192,997	400	14,427	-	-
CENTRAL & S.E. GEORGES.	501,837	63,682	6,617	6,074,728	6,083,820	-	21,144	1,033	10,454	-	-
SOUTHWEST GEORGES	84,378	15,415	133,875	1,520,094	805,949	-	4,700	980	1,436	-	-
NANTUCKET SHOALS & LIGHTSHIP. . .	2,566,296	12,989	2,087,926	1,376,672	1,286,107	-	16,871	6,870	3,887	-	-
OFF NO MAN'S LAND	766,256	2,657	1,000,323	63,574	15,377	1,223,100	1,135	1,170	-	-	3,654,870
SOUTHERN MASSACHUSETTS.	908,943	-	673,627	1,555	1,360	-	70	82	45	229,674	13,600
RHODE ISLAND SHORE.	3,540	-	13,715	6,085	24,040	-	-	470	-	-	-
TOTAL	10,132,557	2,074,086	4,048,683	40,260,574	35,236,378	3,898,719	1,674,924	449,974	93,922	2,584,879	36,574,880
OFF MIDDLE ATLANTIC STATES (AREA XXIII), OFF LONG ISLAND.	6,155	-	472,725	-	165	-	-	160	-	-	-
GRAND TOTAL	10,179,718	2,253,296	4,521,408	50,512,701	45,159,447	3,898,719	2,003,349	472,829	175,017	2,585,339	36,574,880

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

LANDINGS AT MASSACHUSETTS PORTS

SUMMARY OF FISHERY - BY AREA AND SUBAREA, 1959 - Continued

AREA AND SUBAREA	OCEAN PERCH, ROUND	POLLOCK, DRAWN	SCUP OR PORGY, ROUND	SWORD-FISH, DRESSED	WHITING		WOLF-FISH, DRAWN	SCALLOPS, SEA (MEATS)	OTHER, AS LANDED	TOTAL, AS LANDED
					DRESSED	ROUND				
	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
GULF OF ST. LAWRENCE (AREA XIX):										
E. GULF ST. LAWRENCE.	3,725,869	3,640	-	-	-	-	-	-	3,200	3,737,323
N. GULF ST. LAWRENCE.	548,600	-	-	-	-	-	-	-	-	548,600
S. GULF ST. LAWRENCE.	-	1,000	-	-	-	-	22	-	33	5,703
TOTAL	4,274,469	4,640	-	-	-	-	22	-	3,233	4,291,626
OFF GRAND BANKS (AREA XX):										
S.E. GRAND BANKS.	3,028,570	2,915	-	-	-	-	-	-	-	3,032,598
S.W. GRAND BANKS.	3,009,802	3,500	-	-	-	-	-	-	-	3,018,396
ST. PIERRE BANK	262,496	4,200	-	-	-	-	94	-	99	292,867
TOTAL	6,300,868	10,615	-	-	-	-	94	-	99	6,343,861
OFF NOVA SCOTIA (AREA XXI):										
N.E. CAPE BRETON.	3,381,255	29,140	-	-	-	-	300	-	6,000	3,865,700
MISAINE BANK.	734,500	3,000	-	-	-	-	-	-	-	757,186
BANQUEREAU.	7,684,238	44,856	-	-	-	-	1,303	-	3,860	8,336,644
CANSO	5,876,082	56,016	-	-	-	-	3,926	-	45,698	6,570,751
MIDDLE GROUND	1,122,991	39,448	-	-	-	-	375	-	-	1,421,995
N.E. SABLE ISLAND BANK.	-	22,190	-	-	-	-	355	-	-	526,115
HORSESHOE GROUND.	7,091,956	1,183,861	-	-	-	-	30,803	-	37,330	12,164,034
S.W. SABLE ISLAND BANK.	375	345,265	-	-	-	54	30,295	-	585	3,373,774
EASTERN NOVA SCOTIA	3,166,990	142,414	-	-	-	-	1,368	-	6,890	3,411,159
EMERALD BANK.	1,096,675	235,766	-	-	1,000	-	23,156	-	1,600	5,126,544
CENTRAL NOVA SCOTIA	4,052,450	78,959	-	-	-	-	2,556	-	1,095	4,229,035
E. BROWNS & LA HAVE	1,054,541	273,809	-	-	-	-	17,260	-	10,530	2,469,102
SOUTHERN NOVA SCOTIA.	3,341,943	559,290	-	-	-	1,006	23,892	-	37,665	5,229,975
WESTERN BROWNS.	186,050	1,116,027	-	-	12,500	125	314,851	-	100	9,817,605
WESTERN NOVA SCOTIA	315,765	738,953	-	-	-	-	3,261	-	-	1,566,610
SOUTHERN BAY OF FUNDY	23,070	77,097	-	-	-	-	3,880	-	135	393,746
NORTHERN BAY OF FUNDY	134,575	259,565	-	-	975	-	4,960	-	550	1,577,580
TOTAL	39,263,456	5,205,656	-	-	14,475	1,185	462,541	-	152,038	70,837,555
NEW ENGLAND (AREA XXII):										
EASTERN MAINE	256,810	600,179	-	-	1,250	-	7,660	-	2,090	1,698,665
CENTRAL MAINE	54,740	23,295	-	-	-	244,796	30	-	2,410	375,066
WESTERN MAINE	951,952	781,651	-	-	6,420	11,664,845	11,738	-	1,151,063	17,313,882
EASTERN MASSACHUSETTS	710,119	2,762,828	760	-	2,960,010	31,347,462	69,122	141,547	40,915,756	127,585,938
INNER GROUNDS	3,134,842	628,185	-	-	250	40,595	1,694	-	41,470	5,120,285
W. SIDE SOUTH CHANNEL	4,982,567	2,931,280	6,904	750	398,865	21,169,466	76,001	353,943	19,418,410	81,455,853
E. SIDE SOUTH CHANNEL	1,473,006	2,560,235	400	-	130,567	10,876,665	75,853	1,878,963	555,640	38,302,256
NORTHERN EDGE OF GEORGES.	31,915	2,643,768	-	15,809	-	-	84,487	6,654,346	2,100	38,088,858
CENTRAL & S.E. GEORGES.	13,175	202,537	3,700	31,761	-	-	47,236	1,418,482	3,068	23,618,349
SOUTHWEST GEORGES	2,037	28,147	-	5,910	3,900	3,125	8,167	6,121,533	12,087	11,071,125
NANTUCKET SHOALS & LIGHTSHIP. . .	27,855	41,786	77,545	526,190	5,600	-	8,958	1,914,587	788,692	20,116,101
OFF NO MAN'S LAND	-	1,327	354,245	255,076	420	1,895,075	324	18,946	33,587,025	49,086,031
SOUTHERN MASSACHUSETTS.	-	35	860,226	5,450	-	-	75	-	762,969	3,623,879
RHODE ISLAND SHORE.	-	-	4,080	9,718	-	-	-	256,602	481,360	1,032,845
TOTAL	11,639,018	13,205,253	1,307,860	850,664	3,507,282	77,242,029	391,345	18,758,949	97,724,140	418,489,133
OFF MIDDLE ATLANTIC STATES (AREA XXIII), OFF LONG ISLAND.	-	-	24,415	-	-	-	-	292,482	8,110	976,815
GRAND TOTAL	61,477,811	18,426,164	1,332,275	850,664	3,521,757	77,243,214	854,002	19,051,431	97,887,620	500,938,990

1/ EXCLUSIVE OF DUPLICATION.

NOTE:--THE ROMAN NUMBERALS APPEARING IN THE ABOVE TABLE REFER TO THE NUMBERS GIVEN THOSE AREAS BY THE NORTH AMERICAN COUNCIL ON FISHERY INVESTIGATIONS.

SEE FOOTNOTES ON PAGE

MAINE AND MASSACHUSETTS CATCH OFF CANADA, BY AREA AND SUBAREA, 1959

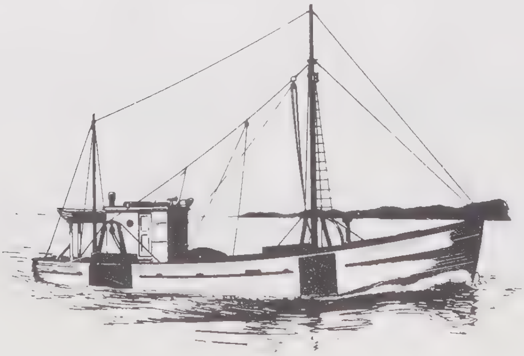
A total of 128 vessels from Maine and Massachusetts ports operated on the high seas of the Atlantic Ocean off the Canadian Coast in 1959. The catches landed by these craft amounted to 135 million pounds. These vessels fished for nearly 3,472 days in areas off Labrador, Newfoundland, Nova Scotia, on the Grand Banks, and in the Gulf of St. Lawrence. They were absent from port for 10,509 days and completed 940 fishing trips.

Production from waters off Nova Scotia by Maine and Massachusetts vessels amounted to 87 million pounds or 64 percent of the total United States catch from the high seas off the Canadian East Coast. Fishing grounds on the Grand Banks accounted for 36 million pounds or 27 percent. Areas in the Gulf of St. Lawrence yielded nearly 12 million pounds or 9 percent. The catches from other areas were negligible.

Landings of ocean perch amounted to 102 million pounds or 76 percent of the catch. Haddock landings totaled 20 million pounds and accounted for 15 percent of the total. Other species taken included pollock, 6 million pounds; cod, 4 million pounds; and flounders, 1 million pounds. The remainder of the catch consisted of miscellaneous species.

The quantities shown in the following tables represent the actual weights of the landings. The data are not directly comparable with the catch figures shown in other tables in this Digest.

The Bureau of Commercial Fisheries, in cooperation with the Maine Department of Sea and Shore Fisheries and the Massachusetts Department of Natural Resources (Division of Marine Fisheries), collects and compiles monthly and annual data on the landings of fish and shellfish. Additional data on many aspects of Maine and Massachusetts fisheries may be found in bulletins in the Current Fishery Statistics series of reports issued by the Bureau.



SMALL OTTER TRAWLER

MAINE AND MASSACHUSETTS CATCH OFF CANADA, BY AREA AND SUBAREA, 1959

SUBAREA	CRAFT FISHING	TRIPS	DAYS ABSENT	DAYS FISHED	COD, DRAWN			CUSK, DRAWN
					LARGE	MARKET	SCROD	
	NUMBER	NUMBER	NUMBER	NUMBER	POUNDS	POUNDS	POUNDS	POUNDS
OFF LABRADOR (AREA XVII),								
OFF LABRADOR	3	0.3	5	1.2	-	-	-	-
OFF NEWFOUNDLAND (AREA XVIII),								
N.E. NEWFOUNDLAND.	1	0.1	1	0.4	-	-	-	-
GULF OF ST. LAWRENCE (AREA XIX):								
E. GULF ST. LAWRENCE.	27	47.9	710	211.2	93	365	75	730
N. GULF ST. LAWRENCE.	7	10.2	143	33.0	-	875	-	370
S. GULF ST. LAWRENCE.	5	1.4	17	3.5	600	2,200	-	-
TOTAL	1/ 27	59.5	870	247.7	693	3,440	75	1,100
OFF GRAND BANKS (AREA XX):								
N. GRAND BANKS.	3	2.3	35	6.9	-	-	-	-
S.E. GRAND BANKS.	20	72.3	1,160	234.9	515	2,221	-	8
S.W. GRAND BANKS.	18	64.9	1,023	196.2	2,240	7,468	-	196
ST. PIERRE BANK	15	10.7	137	39.2	3,100	7,880	1,870	-
TOTAL	1/ 21	150.2	2,355	477.2	5,855	17,569	1,870	204
OFF NOVA SCOTIA (AREA XXI):								
N.E. CAPE BRETON.	21	27.1	349	108.4	13,399	23,135	35,260	-
MISAINE BANK.	11	9.8	120	28.3	250	16,185	-	125
BANQUEREAU.	42	71.9	828	240.9	13,981	41,792	125,485	4,207
CANSO	27	46.5	543	155.8	23,014	89,476	33,312	1,511
MIDDLE GROUND	23	25.8	310	85.0	6,625	6,586	2,688	3,023
N.E. SABLE ISLAND BANK.	5	5.4	46	26.6	1,020	35,060	38,620	-
S.E. SABLE ISLAND BANK 2/ . . .	2	.2	2	1.1	-	-	-	-
HORSESHOE GROUND.	53	85.8	1,006	333.5	163,488	218,516	108,435	39,558
S.W. SABLE ISLAND BANK.	35	27.5	245	103.0	486,207	359,625	97,850	6,015
EASTERN NOVA SCOTIA	23	49.2	564	116.9	20,141	25,191	125	18,629
EMERALD BANK.	54	44.5	418	171.5	139,806	168,635	34,999	9,920
CENTRAL NOVA SCOTIA	28	42.8	420	103.8	7,688	11,596	-	15,873
E. BROWN AND LA HAVE.	47	38.8	280	134.5	36,637	36,695	8,050	25,320
SOUTHERN NOVA SCOTIA.	62	68.0	628	191.5	52,229	59,302	6,729	11,086
WESTERN BROWNS.	65	117.5	990	632.4	536,237	439,632	102,957	39,627
WESTERN NOVA SCOTIA	13	30.1	214	108.1	20,006	57,580	37,115	16,043
SOUTHERN BAY OF FUNDY	10	8.5	66	43.8	14,418	23,949	6,339	2,012
NORTHERN BAY OF FUNDY	20	30.3	249	160.2	64,825	72,705	31,355	10,747
TOTAL	1/ 122	729.7	7,278	2,745.3	1,599,971	1,685,660	669,319	203,696
GRAND TOTAL	1/ 128	939.8	10,509	3,471.8	1,606,519	1,706,669	671,264	205,000

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

MAINE AND MASSACHUSETTS CATCH OFF CANADA, BY AREA AND SUBAREA, 1959 - Continued

SUBAREA	FLOUNDERS, ROUND					HADDOCK, DRAWN		HAKE	
								WHITE, DRESSED	
	GRAY SOLE	LEMON SOLE	YELLOW-TAIL	BLACK-BACK	DAB	LARGE	SCROD	LARGE	SMALL
	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
GULF OF ST. LAWRENCE (AREA XIX):									
E. GULF OF ST. LAWRENCE. . . .	639	-	-	-	510	3,120	845	95	940
N. GULF OF ST. LAWRENCE. . . .	440	-	-	-	115	1,700	1,410	-	1,010
S. GULF OF ST. LAWRENCE. . . .	504	-	-	-	190	1,000	-	25	96
TOTAL.	1,583	-	-	-	815	5,820	2,255	120	2,046
OFF GRAND BANKS (AREA XX):									
S.E. GRAND BANKS	435	-	-	-	837	305	1,935	92	-
S.W. GRAND BANKS	6,309	-	-	-	988	7,270	31,350	528	115
ST. PIERRE BANK.	2,230	-	-	-	570	5,550	3,760	75	483
TOTAL.	8,974	-	-	-	2,395	13,125	37,045	695	598
OFF NOVA SCOTIA (AREA XXI):									
N.E. CAPE BRETON	35,475	-	-	-	4,000	95,032	213,656	28,100	-
MISAINE BANK	4,230	-	-	-	1,310	3,820	4,750	-	735
BANQUEREAU	162,372	-	22,100	-	13,449	60,116	148,529	2,532	1,393
CANSO.	154,192	-	-	-	36,264	151,415	92,617	8,642	1,864
MIDDLE GROUND.	197,539	-	-	-	22,230	26,314	9,989	1,500	685
N.E. SABLE ISLAND BANK	5,420	-	36,775	-	1,500	79,270	303,910	1,900	-
HORSESHOE GROUND	87,245	178	28,410	120	12,362	1,458,239	1,710,936	31,156	3,727
S.W. SABLE ISLAND BANK	36,046	-	-	-	9,170	1,106,355	879,547	6,066	105
EASTERN NOVA SCOTIA.	8,100	-	-	-	3,618	49,849	44,644	8,337	15,499
EMERALD BANK	10,671	1,633	3,485	1,880	7,431	1,789,070	1,583,962	4,141	85
CENTRAL NOVA SCOTIA.	6,660	-	115	-	1,564	24,954	25,876	11,954	4,148
E. BROWNS AND LA HAVE.	11,370	875	12,399	10,443	4,423	450,938	535,864	9,042	1,850
SOUTHERN NOVA SCOTIA	21,678	715	1,300	2,232	9,737	550,624	529,086	19,428	5,675
WESTERN BROWNS	7,649	5,925	27,289	6,497	52,171	3,735,365	3,207,536	19,310	-
WESTERN NOVA SCOTIA.	5,750	50	25	18,500	2,985	177,713	199,874	27,344	4,340
SOUTHERN BAY OF FUNDY.	4,996	800	-	7,702	1,148	118,814	124,362	26,484	90
NORTHERN BAY OF FUNDY.	8,325	-	-	3,250	5,545	515,988	369,496	124,375	4,765
TOTAL.	767,718	10,176	131,898	50,624	188,907	10,393,876	9,984,634	330,311	44,961
GRAND TOTAL.	778,275	10,176	131,898	50,624	192,117	10,412,821	10,023,934	331,126	47,605

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

MAINE AND MASSACHUSETTS CATCH OFF CANADA, BY AREA AND SUBAREA, 1959 - Continued

SUBAREA	HALIBUT, DRAWN	MACKEREL, ROUND	OCEAN PERCH, ROUND	POLLOCK, DRAWN	WHITING		WOLFFISH, DRAWN	OTHER, AS LANDED	TOTAL, AS LANDED
					DRESSED	ROUND			
	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
OFF LABRADOR (AREA XVII),									
OFF LABRADOR	-	-	13,900	-	-	-	-	-	13,900
OFF NEWFOUNDLAND (AREA XVIII),									
N.E. NEWFOUNDLAND.	-	-	500	-	-	-	-	-	500
GULF OF ST. LAWRENCE (AREA XIX):									
E. GULF OF ST. LAWRENCE	9,014	-	9,575,819	5,490	-	-	100	3,200	9,601,035
N. GULF OF ST. LAWRENCE	5,290	-	1,783,730	2,630	-	-	1,200	-	1,798,770
S. GULF OF ST. LAWRENCE	33	-	130,000	1,000	-	-	22	33	135,703
TOTAL	14,337	-	11,489,549	9,120	-	-	1,322	3,233	11,535,508
OFF GRAND BANKS (AREA XX):									
N. GRAND BANKS.	30	-	632,300	-	-	-	-	-	632,330
S.E. GRAND BANKS.	4,600	-	17,821,670	8,550	-	-	-	210	17,841,378
S.W. GRAND BANKS.	32,513	-	15,936,942	11,425	-	-	-	26,130	16,063,474
ST. PIERRE BANK	3,749	-	1,945,716	4,200	-	-	94	99	1,979,376
TOTAL	40,892	-	36,336,628	24,175	-	-	94	26,439	36,516,558
OFF NOVA SCOTIA (AREA XXI):									
N.E. CAPE BRETON.	948	-	4,043,374	29,140	-	-	300	6,000	4,527,819
MISAINE BANK.	56	-	1,570,776	9,350	-	-	-	-	1,611,587
BANQUEREAU.	14,141	-	9,873,000	47,776	-	-	1,488	3,860	10,536,221
CANSO	2,332	-	6,687,062	56,491	-	-	3,926	45,698	7,387,816
MIDDLE GROUND	968	-	3,758,163	81,109	-	-	465	-	4,117,884
N.E. SABLE ISLAND BANK.	95	-	-	22,190	-	-	355	-	526,115
HORSESHOE GROUND.	16,922	54	7,806,184	1,200,811	-	-	33,703	38,030	12,958,074
S.W. SABLE ISLAND BANK.	10,214	-	375	345,265	-	54	30,295	585	3,373,774
EASTERN NOVA SCOTIA	5,778	-	7,461,255	276,435	-	-	12,653	7,205	7,957,459
EMERALD BANK.	12,629	-	1,173,745	235,766	1,000	-	23,156	1,600	5,203,614
CENTRAL NOVA SCOTIA	1,671	6	5,239,620	91,219	-	-	6,276	1,095	5,450,315
E. BROWN AND LA HAVE.	3,155	400	1,379,568	274,632	-	-	17,351	10,530	2,829,542
SOUTHERN NOVA SCOTIA.	2,828	-	4,115,073	563,980	-	1,006	23,892	37,665	6,014,265
WESTERN BROWNS.	7,757	-	186,050	1,116,027	12,500	125	314,851	100	9,817,605
WESTERN NOVA SCOTIA	200	-	704,585	816,537	-	-	4,093	-	2,092,740
SOUTHERN BAY OF FUNDY	35	-	33,220	114,522	-	-	3,880	135	482,906
NORTHERN BAY OF FUNDY	405	-	415,615	275,954	975	-	5,336	550	1,910,211
TOTAL	80,134	460	54,447,665	5,557,204	14,475	1,185	482,020	153,053	86,797,947
GRAND TOTAL	135,363	460	102,288,242	5,590,499	14,475	1,185	483,436	182,725	134,864,413

1/ EXCLUSIVE OF DUPLICATION.

2/ NO CATCH.

NOTE:--A SINGLE TRIP IS SHOWN FOR EACH VOYAGE. WHEN A CRAFT OPERATES IN TWO OR MORE SUBAREAS DURING A SINGLE VOYAGE, A FRACTIONAL PART (IN TENTHS) OF A TRIP IS ALLOTTED TO THE SUBAREA ON THE BASIS OF THE CATCH REPORTED IN EACH SUBAREA. DAYS ABSENT IS A MEASURE OF TIME, TO THE NEAREST COMPLETE DAY THAT A VESSEL WAS AWAY FROM PORT DURING A COMPLETE TRIP. DAYS FISHED IS THE TIME ACTUAL FISHING OPERATIONS WERE CARRIED ON, EXPRESSED TO NEAREST TENTH OF A DAY. FISHING TIME IN HOURS MAY BE DETERMINED BY MULTIPLYING BY 24. THE GRADES AND SIZES GIVEN FOR CERTAIN SPECIES ARE THOSE RECOGNIZED IN THE TRADE: "LARGE" COD--OVER 10 POUNDS, "MARKET" COD--2-1/2 TO 10 POUNDS, AND "SCROD" COD--1-1/2 TO 2-1/2 POUNDS; "LARGE" HADDOCK--OVER 2-1/2 POUNDS, AND "SCROD" HADDOCK--1-1/2 TO 2-1/2 POUNDS; AND "LARGE" HAKE--OVER 6 POUNDS, AND "SMALL" HAKE--UNDER 6 POUNDS. THE FOLLOWING TERMS INDICATE THE CONDITION IN WHICH ARE LANDED: "ROUND", AS CAUGHT; "DRAWN", EVISCERATED; AND "DRESSED", EVISCERATED AND HEADED. TO CONVERT TO ROUND WEIGHT MULTIPLY BY THE FOLLOWING FACTOR: COD, DRAWN -- 1.17; HADDOCK, DRAWN -- 1.14; CUSK, DRAWN -- 1.13; HAKE, DRESSED -- 1.34; HALIBUT, DRAWN -- 1.15; POLLOCK, DRAWN -- 1.13; AND WOLFISH, DRAWN -- 1.20; AND WHITING, DRESSED -- 1.66.

SECTION 3 - MIDDLE ATLANTIC FISHERIES

The 1959 catch of fish and shellfish in the coastal areas of the Middle Atlantic States (New York, New Jersey, and Delaware) amounted to 760 million pounds valued at nearly 23 million dollars to the fishermen. Although the volume landed was above that of the previous year, it was well below the 1957 and 1956 production. The value of the catch was the lowest since 1944. Had it not been for increases in the catches of menhaden and surf clams, landings would have been lower than in 1958. The decline in value was due primarily to sharply reduced production of oysters. The catch of northern lobsters and surf clams established new records in 1959 while the landings of cod were the heaviest since 1939. New Jersey with a catch of 359 million pounds led the Middle Atlantic States in volume, accounting for 47 percent of the total catch. Delaware (286 million pounds) was in second place with 38 percent, followed by New York (115 million pounds) with 15 percent.

There were 8,181 fishermen engaged in the Middle Atlantic fisheries in 1959. Commercial fishing craft operating in these states during the year consisted of 582 vessels of 5 net tons and over, 3,002 motor boats, and 630 other boats.

Manufactured fishery products were produced by 508 establishments in 1959, a few more than in the previous year. These firms gave employment to almost 9 thousand persons. Fishery products manufactured by these firms were valued at over 75 million dollars -- about 2 million dollars less than in 1958. This was due mainly to a decrease in the production of shucked oysters, and fish and shellfish specialities. The Middle Atlantic area leads the country in production of smoked fish and is one of the largest producing areas for fish meal and oil.

About 80 different species of fish and shellfish were taken commercially in the Middle Atlantic States in 1959. Of these, menhaden continued to be the most valuable aquatic resource accounting for 86 percent of the volume and 33 percent of the value of the catch. Although menhaden landings in 1959 were heavier than in 1958, production was well below the previous six-year average.

Pound-net catches of menhaden were up sharply resulting in a significant increase in volume taken by this type of gear. The catch by otter trawls -- just slightly under the catch reported in 1958 -- was about average for this gear. However, the fish pot fishery in the Middle Atlantic area declined in 1959 as the catch of sea bass, mainstay of this operation, fell to less than 2 million pounds -- about 343 thousand pounds less than in 1958.

The fish-meal industry, utilizing menhaden as a raw material, was adversely affected late in 1959 by a depressed market and high inventories due to record meal production and high imports. Prospects of continued heavy imports and depressed meal prices caused producers to be disturbed about the future of the industry.

The Middle Atlantic oyster fishery in 1959 experienced the most critical situation of its long history. Production was at an all-time low yielding only 1.4 million pounds of oyster meats valued at 1.3 million dollars -- far less than the 18 million-pound production (valued at nearly 10 million dollars) taken only 9 years earlier in 1950. Since that year the volume of oysters taken from Middle Atlantic waters has declined steadily. Since 1957 the drop has been very sharp for areas in Long Island Sound, Great South Bay, and Delaware Bay.

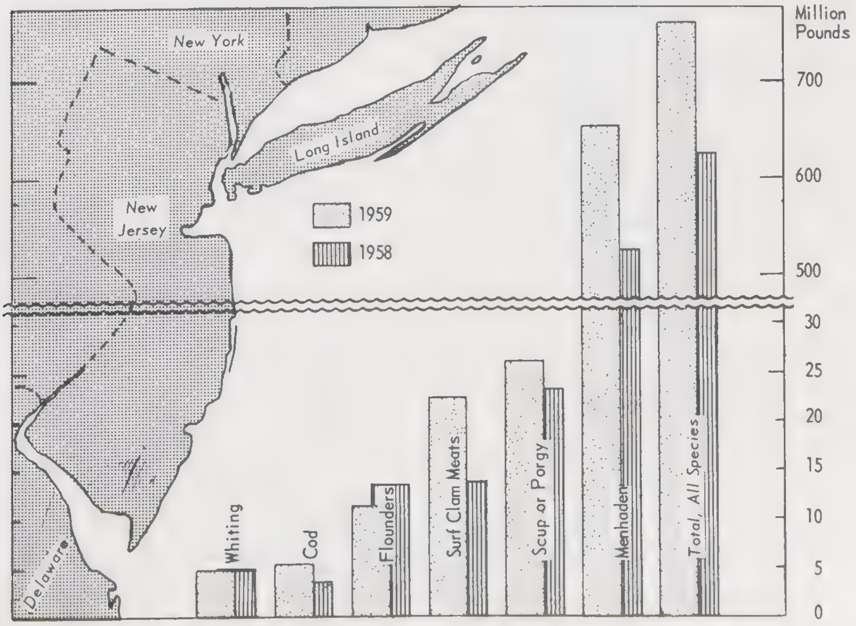
The heavy oyster setting in Long Island Sound in 1958 did not significantly increase the oyster resources -- oyster drills and starfish killed most of the young soon after they had set. It has been many years since satisfactory setting and survival of seed oysters has occurred generally throughout the seed producing areas of Long Island Sound. Low spawn survival, shortages of seed, destructive predators, poor growing conditions, and heavy oyster mortality threatened to wipe out the industry.

The Delaware Bay oyster fishery in 1959 was the poorest in recent years. There were heavy losses of market oysters in this area in 1957, 1958, and 1959 from a destructive oyster blight which appeared in the spring of 1957. As a result, oyster operations in Delaware Bay were nearly at a standstill. Late in 1959 it was announced that an organism tentatively identified as a Haplosporidian had been discovered in oysters from Delaware Bay. Experiments were begun to determine if the oyster mortalities were caused by this organism. Biologists noted that certain stocks of oysters were more resistant than others to the mortality and suggested the possibility of developing strains of oysters that would be immune or resistant to the disease. Cooperative efforts among industry, the states, and the Federal Government resulted in developing a comprehensive program of coordinated research on the problem of oyster mortality. It lends hope that in due time the problem will be solved and that this important segment of the fishing industry will be rehabilitated.

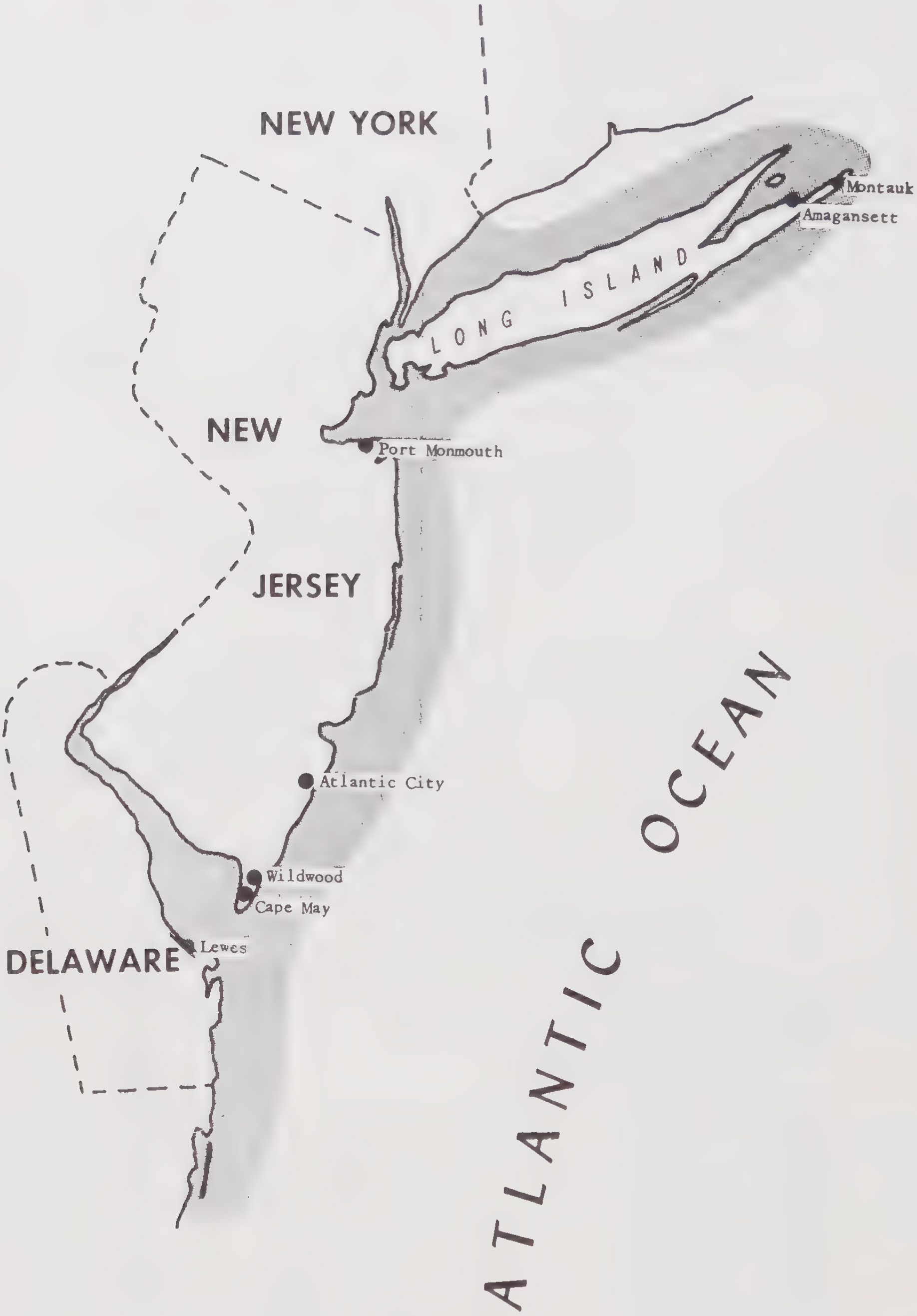
The Bureau acknowledges and is grateful for the assistance of the following organizations in the collection of the data appearing in this section: The New York Conservation Department; the Division of Fish and Game and the Division of Shell Fisheries of the New Jersey Department of Conservation and Economic Development; and the University of Delaware Marine Research Laboratory and the Delaware Commission of Shell Fisheries.

Condensed summary data of the operating units and catch by States of the fisheries of the Middle Atlantic area appearing on the following pages have been previously published in Current Fishery Statistics No. 2439. Seasonal variation in the catch of fish and shellfish in the New York Marine District and in New Jersey can be ascertained from monthly and annual landings bulletins issued for these States in cooperation with the fishing agency of each state. Additional data on many aspects of the Middle Atlantic fisheries may be found in daily, monthly, and annual reports published by the Bureau's Market News Service, 155 John Street, New York 38, New York.

MIDDLE ATLANTIC CATCH OF CERTAIN SPECIES, 1959 AND 1958



MIDDLE ATLANTIC FISHERIES


NEW YORK
Montauk
Amagansett
LONG ISLAND
NEW
Port Monmouth
JERSEY
Atlantic City
Wildwood
Cape May
Lewes
DELAWARE
ATLANTIC OCEAN

MIDDLE ATLANTIC STATES

MIDDLE ATLANTIC FISHERIES

SECTIONAL SUMMARIES

SUMMARY OF CATCH, 1959

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

STATE	FISH		SHELLFISH, ETC.		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
NEW YORK	105,359	3,622	9,811	5,253	115,170	8,875
NEW JERSEY	333,257	6,626	26,247	3,467	359,504	10,093
DELAWARE	281,718	3,210	4,037	585	285,755	3,795
TOTAL	720,334	13,458	40,095	9,305	760,429	22,763

SUMMARY OF OPERATING UNITS, 1959

ITEM	NEW YORK	NEW JERSEY	DELAWARE	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:				
ON VESSELS	940	1,918	550	3,155
ON BOATS AND SHORE:				
REGULAR	827	753	107	1,687
CASUAL	1,776	1,326	237	3,339
TOTAL	3,543	3,997	894	8,181
VESSELS, MOTOR	210	359	60	582
NET TONNAGE	5,961	9,899	2,987	17,369
BOATS:				
MOTOR	1,501	1,294	207	3,002
OTHER	89	327	30	446
ACCESSORY BOATS	30	100	66	184
GEAR:				
HAUL SEINES, COMMON	44	28	6	78
LENGTH, YARDS	14,612	4,641	1,675	20,928
STOP SEINES	-	3	-	3
LENGTH, YARDS	-	433	-	433
PURSE SEINES:				
MENHADEN	10	30	22	58
LENGTH, YARDS	4,000	11,090	7,620	21,280
OTHER	-	8	-	8
LENGTH, YARDS	-	2,020	-	2,020
BEAM TRAWLS	-	9	-	9
YARDS AT MOUTH	-	26	-	26
OTTER TRAWLS, FISH	155	191	4	328
YARDS AT MOUTH	2,960	4,188	73	6,585
WEIRS	-	5	-	5
POUND NETS, FISH	114	72	-	164
FYKE NETS, FISH	164	21	59	244
POTS AND TRAPS:				
CONCH	50	-	-	50
CRAB	-	3,289	2,155	5,444
EEL	793	450	124	1,367
FISH	200	24,250	-	24,450
LOBSTER	7,312	3,650	-	10,962
TURTLE	-	72	150	222
GILL NETS:				
ANCHOR	36	33	4	73
SQUARE YARDS	13,795	164,666	1,960	180,421
DRIFT:				
SHAD	58	2	-	60
SQUARE YARDS	145,756	1,333	-	147,089
OTHER	9	50	13	71
SQUARE YARDS	28,760	178,497	13,570	215,827
RUNAROUND	10	15	12	37
SQUARE YARDS	16,800	149,594	14,800	181,194
STAKE	87	64	16	167
SQUARE YARDS	117,648	112,929	23,170	253,747
LINES:				
HAND	425	143	6	574
HOOKS	700	143	6	849
TROLL	-	370	-	370
HOOKS	-	370	-	370
LONG OR SET WITH HOOKS	95	75	-	170
HOOKS	65,525	230,100	-	295,625
TROT WITH BAITS	-	25	2	27
BAITS	-	9,250	1,500	10,750

(CONTINUED ON NEXT PAGE)

SUMMARY OF OPERATING UNITS, 1959 - Continued

ITEM	NEW YORK	NEW JERSEY	DELAWARE	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER
GEAR - CONTINUED:				
DIP NETS, COMMON	75	-	6	81
PUSH NETS	-	12	-	12
HARPOONS	11	3	-	14
SPEARS	26	8	-	34
DREDGES:				
CLAM	33	166	29	223
YARDS AT MOUTH	28	208	37	265
CRAB	2	79	29	110
YARDS AT MOUTH	3	124	55	182
OYSTER, COMMON	39	99	20	156
YARDS AT MOUTH	55	101	30	183
SCALLOP	1,107	54	-	1,153
YARDS AT MOUTH	1,186	147	-	1,304
TONGS:				
OYSTER	-	98	3	101
OTHER	1,375	1,114	68	2,557
RAKES	899	809	230	1,938
HOES	-	80	-	80
HOOKS, TURTLE	-	-	1	1

CATCH BY STATES, 1959

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	NEW YORK		NEW JERSEY		DELAWARE		TOTAL	
FISH	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
ALEWIVES	46	1	2	(1)	-	-	48	1
AMBERJACK	-	-	3	(1)	-	-	3	(1)
ANGLERFISH	29	1	3	(1)	-	-	32	1
BLUEFISH	262	60	376	70	4	1	642	131
BONITO	36	5	96	9	-	-	132	14
BULLHEADS	2	(1)	-	-	4	(1)	6	(1)
BUTTERFISH	2,563	273	1,798	141	2	(1)	4,363	414
CARP	13	1	20	1	31	2	64	4
CATFISH	20	2	25	2	2	(1)	47	4
COD	1,953	182	3,283	270	4	(1)	5,240	452
CROAKER	-	-	2	(1)	9	1	11	1
CUNNER	-	-	1	(1)	-	-	1	(1)
DRUM, BLACK	-	-	1	(1)	-	-	1	(1)
EELS:								
COMMON	238	39	62	13	27	3	327	55
CONGER	3	(1)	4	(1)	-	-	7	(1)
FLOUNDERS:								
GRAY SOLE	2	(1)	21	2	-	-	23	2
YELLOWTAIL	612	78	3	(1)	-	-	615	78
BLACKBACK	1,310	105	74	4	29	2	1,413	111
DAB	-	-	(1)	(1)	-	-	(1)	(1)
FLUKE	2,809	501	6,294	900	95	13	9,198	1,414
OTHER	-	-	-	-	8	1	8	1
TOTAL FLOUNDERS	4,733	684	6,392	906	132	16	11,257	1,606
HADDOCK	5	1	2	(1)	-	-	7	1
HAKE:								
RED	288	8	655	20	2	(1)	945	28
WHITE	2	(1)	58	2	-	-	60	2
HERRING, SEA	135	2	506	9	-	-	641	11
HICKORY SHAD	-	-	1	(1)	-	-	1	(1)
KING WHITING OR "KINGFISH"	2	(1)	6	1	1	(1)	9	1
MACKEREL	71	14	72	10	-	-	143	24
MENHADEN	75,783	959	296,100	3,460	281,141	3,149	653,024	7,568
MINNOWS	-	-	-	-	4	1	4	1
MULLET	-	-	23	5	14	1	37	6
POLLOCK	7	1	1	(1)	-	-	8	1
SCUP OR PORGY	13,490	835	12,653	795	-	-	26,143	1,630
SEA BASS	612	115	3,739	493	-	-	4,351	608
SEA ROBIN	3	(1)	273	4	-	-	276	4
SEA TROUT OR WEAKFISH, GRAY	45	9	372	50	182	21	599	80
SHAD	672	79	1,026	123	28	4	1,726	206
SHARKS:								
GRAYFISH	58	2	13	1	-	-	71	3
UNCLASSIFIED	1	(1)	8	(1)	-	-	9	(1)
TOTAL SHARKS	59	2	21	1	-	-	80	3

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

CATCH BY STATES, 1959 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	NEW YORK		NEW JERSEY		DELAWARE		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
FISH - CONTINUED								
SILVERSIDES	96	7	-	-	-	-	96	7
SKATES	41	2	4	(1)	-	-	45	2
SPANISH MACKEREL	-	-	1	(1)	-	-	1	(1)
SPOT	-	-	9	1	20	2	29	3
STRIPED BASS	538	122	196	49	12	3	746	174
STURGEON	14	3	9	2	1	(1)	24	5
SUCKERS	1	(1)	-	-	-	-	1	(1)
SUNFISH	(1)	(1)	-	-	-	-	(1)	(1)
SWELLFISH	138	8	55	3	1	(1)	194	11
SWORDFISH	100	41	25	10	-	-	125	51
TAUTOG	11	(1)	39	1	-	-	50	1
THIMBLE-EYED MACKEREL	-	-	463	20	-	-	463	20
TILEFISH	66	10	26	3	-	-	92	13
TOMCOD	1	(1)	-	-	-	-	1	(1)
TUNA:								
BLUEFIN	19	4	18	1	-	-	37	5
LITTLE	54	2	123	4	-	-	177	6
TOTAL TUNA	73	6	141	5	-	-	214	11
WHITEBAIT	18	4	-	-	-	-	18	4
WHITE PERCH	22	3	72	10	42	4	136	17
WHITING	2,069	104	2,484	107	55	2	4,608	213
YELLOW PERCH	(1)	(1)	-	-	-	-	(1)	(1)
UNCLASSIFIED:								
FOR FOOD	308	31	13	1	-	-	321	32
BAIT, REDUCTION, AND ANIMAL FOOD	791	8	2,144	29	-	-	2,935	37
TOTAL FISH	105,359	3,622	333,257	6,626	281,718	3,210	720,334	13,458
SHELLFISH, ETC.								
CRABS:								
BLUE:								
HARD	2	(1)	983	112	1,650	126	2,635	238
SOFT AND PEELER	-	-	(1)	(1)	-	-	(1)	(1)
ROCK	-	-	5	(1)	-	-	5	(1)
TOTAL CRABS	2	(1)	988	112	1,650	126	2,640	238
HORSESHOE CRABS	-	-	77	1	-	-	77	1
LOBSTERS, NORTHERN	568	230	1,097	354	-	-	1,665	584
SHRIMP	-	-	4	4	-	-	4	4
CLAMS:								
HARD:								
PUBLIC	1,783	1,106	1,891	659	309	114	3,983	1,879
PRIVATE	1,624	993	120	33	34	12	1,778	1,038
RAZOR	15	3	-	-	-	-	15	3
SOFT, PUBLIC	262	86	94	40	-	-	356	126
SURF	514	61	20,164	1,622	1,705	170	22,383	1,853
TOTAL CLAMS	4,198	2,249	22,269	2,354	2,048	296	28,515	4,899
CONCHS	17	3	258	26	-	-	275	29
MUSSELS, SEA	29	5	-	-	-	-	29	5
OYSTERS, MARKET:								
PUBLIC:								
SPRING	-	-	23	20	-	-	23	20
FALL	-	-	18	17	-	-	18	17
PRIVATE:								
SPRING	310	316	38	35	171	90	519	441
FALL	580	592	128	118	124	68	832	778
TOTAL OYSTERS	890	908	207	190	295	158	1,392	1,256
SCALLOPS:								
BAY	381	383	4	3	-	-	385	386
SEA	2,986	1,419	963	395	-	-	3,949	1,814
SQUID	740	56	352	24	-	-	1,092	80
TURTLES:								
LOGGERHEAD	-	-	1	(1)	-	-	1	(1)
SNAPPER	-	-	27	4	44	5	71	9
TOTAL SHELLFISH, ETC.	9,811	5,253	26,247	3,467	4,037	585	40,095	9,305
GRAND TOTAL	115,170	8,875	359,504	10,093	285,755	3,795	760,429	22,763

1/ LESS THAN 500 POUNDS OR 500 DOLLARS.

CATCH OF CERTAIN SHELLFISH, 1959

(NUMBER AND BUSHELS)

SPECIES		NEW YORK		NEW JERSEY		DELAWARE		TOTAL	
		QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
CRABS:									
BLUE:									
HARD	NUMBER	4,320	$248	1,966,600	$112,567	3,960,000	$125,579	5,930,920	$238,394
SOFT AND PEELER	DO	-	-	750	90	-	-	750	90
ROCK	DO	-	-	15,300	366	-	-	15,300	366
HORSESHOE CRABS	DO	-	-	19,250	693	-	-	19,250	693
CLAMS:									
HARD:									
PUBLIC	U. S. STANDARD BUSHELS	148,583	1,105,754	189,140	659,194	38,600	114,051	376,323	1,878,999
PRIVATE	DO	135,350	993,446	11,970	32,635	4,300	12,255	151,620	1,038,336
RAZOR	DO	950	3,093	-	-	-	-	950	3,093
SOFT, PUBLIC	DO	16,356	86,427	7,833	39,488	-	-	24,189	125,915
SURF	DO	30,259	60,730	1,186,094	1,622,229	100,282	170,478	1,316,635	1,853,437
CONCHS	DO	1,107	3,333	12,910	25,374	-	-	14,017	28,707
MUSSELS, SEA	DO	2,870	4,995	-	-	-	-	2,870	4,995
OYSTERS, MARKET:									
PUBLIC:									
SPRING	DO	-	-	3,669	20,340	-	-	3,669	20,340
FALL	DO	-	-	2,547	16,762	-	-	2,547	16,762
PRIVATE:									
SPRING	DO	41,267	316,026	6,371	34,484	26,246	90,355	73,884	440,865
FALL	DO	77,387	592,270	19,160	117,647	19,138	68,430	115,685	778,347
SCALLOPS:									
BAY	DO	63,566	382,897	880	3,162	-	-	64,446	386,059
SEA	DO	497,683	1,419,084	160,483	395,295	-	-	658,166	1,814,379

NOTE:--THE CAPACITY OF A U. S. STANDARD BUSHEL IS 2,150.4 CUBIC INCHES.

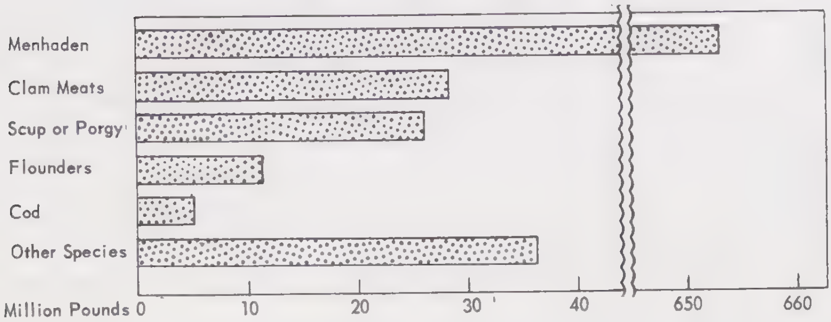
AVERAGE WEIGHTS OF CERTAIN SHELLFISH, 1959

SPECIES		NEW YORK	NEW JERSEY	DELAWARE
		QUANTITY	QUANTITY	QUANTITY
CRABS:				
BLUE:				
HARD	NUMBER PER POUND	2.40	2.00	2.40
SOFT AND PEELER	DO	-	2.50	-
ROCK	DO	-	3.00	-
HORSESHOE CRABS	POUNDS PER CRAB	-	4.00	-
CLAMS:				
HARD:				
PUBLIC	LBS. MEATS PER U. S. STD. BUSHEL	12.00	10.00	8.00
PRIVATE	DO	12.00	10.00	8.00
RAZOR	DO	16.00	-	-
SOFT, PUBLIC	DO	16.00	12.00	-
SURF	DO	17.00	17.00	17.00
CONCHS	DO	15.00	20.00	-
MUSSELS, SEA	DO	10.00	-	-
OYSTERS, MARKET:				
PUBLIC:				
SPRING	DO	-	6.16	-
FALL	DO	-	6.87	-
PRIVATE:				
SPRING	DO	7.50	5.98	6.50
FALL	DO	7.50	6.67	6.50
SCALLOPS:				
BAY	DO	6.00	5.00	-
SEA	DO	6.00	6.00	-

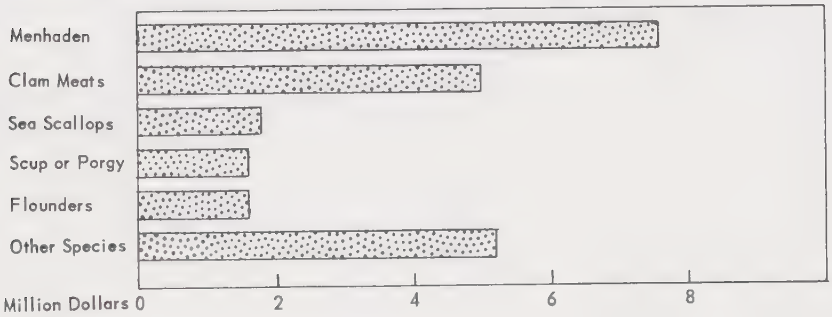
NOTE:--THE CAPACITY OF A U. S. STANDARD BUSHEL IS 2,150.4 CUBIC INCHES.

MIDDLE ATLANTIC FISHERIES

MIDDLE ATLANTIC STATES CATCH, 1959



VALUE OF MIDDLE ATLANTIC STATES CATCH, 1959



MIDDLE ATLANTIC FISHERIES

WHOLESALING AND MANUFACTURING, 1959

ITEM	NEW YORK	NEW JERSEY	PENNSYLVANIA	DELAWARE	TOTAL
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
WHOLESALING AND MANUFACTURING:					
ESTABLISHMENTS	316	120	51	21	508
PERSONS ENGAGED:					
AVERAGE FOR SEASON	3,638	3,034	1,259	788	8,719
AVERAGE FOR YEAR	3,214	1,804	873	528	6,419

MANUFACTURED FISHERY PRODUCTS, 1959

ITEM		NEW YORK		NEW JERSEY		DELAWARE AND PENNSYLVANIA	
		QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
BUTTERFISH, SMOKED	POUNDS	244,700	$139,450	(1)	(1)	(1)	(1)
CARP, SMOKED	DO	30,300	27,000	(1)	(1)	(1)	(1)
CHUBS, SMOKED.	DO	1,856,100	1,060,000	(1)	(1)	(1)	(1)
COD FILLETS, FRESH AND FROZEN.	DO	2,294,430	914,949	623,000	$246,750	-	-
EELS, COMMON, SMOKED	DO	229,100	149,300	(1)	(1)	(1)	(1)
FLOUNDER FILLETS, FRESH AND FROZEN.	DO	3,389,736	2,024,650	114,750	80,990	(1)	(1)
HADDOCK FILLETS, FRESH AND FROZEN.	DO	699,600	279,840	410,100	154,535	(1)	(1)
HAKE FILLETS, FRESH.	DO	25,000	8,250	(1)	(1)	-	-
HERRING, SEA, CURED:							
SALTED (INCLUDING BRINED AND SPECIALTY PACKS).	DO	1,189,138	668,963	-	-	140,206	$42,500
SMOKED	DO	25,437	12,412	30,000	13,500	598,000	97,500
LAKE TROUT, SMOKED	DO	20,000	17,200	(1)	(1)	(1)	(1)
MACKEREL, SALTED	DO	-	-	-	-	590,100	233,577
PADDLEFISH OR SPOONBILL CAT, SMOKED.	DO	26,500	26,650	-	-	-	-
SABLEFISH, SMOKED.	DO	1,952,400	1,425,200	(1)	(1)	(1)	(1)
SALMON:							
SMOKED (INCLUDING MILD-CURED).	DO	5,068,644	6,229,234	(1)	(1)	(1)	(1)
KIPPERED	DO	962,700	1,072,650	-	-	-	-
CAVIAR, CANNED..	STANDARD CASES	4,820	262,700	-	-	-	-
SHAD, SMOKED	POUNDS	29,100	16,450	-	-	(1)	(1)
STURGEON, SMOKED	DO	518,400	1,129,300	(1)	(1)	(1)	(1)
WHITEFISH, SMOKED.	DO	1,033,900	915,800	(1)	(1)	(1)	(1)
WHITING, SMOKED.	DO	114,000	54,200	(1)	(1)	(1)	(1)
SHRIMP, FROZEN, PACKAGED:							
RAW AND COOKED:							
BREADED.	DO	1,939,957	1,557,276	(1)	(1)	(1)	(1)
NOT BREADED.	DO	520,498	489,243	(1)	(1)	-	-
SHRIMP COCKTAIL (CHILLED OR FROZEN).	DO	833,790	789,626	(1)	(1)	(1)	(1)
CLAMS, SHUCKED (HARD AND SURF)	GALLONS	138,897	327,392	902,980	1,532,521	6,778	44,057
OYSTERS, SHUCKED	DO	1,382	13,928	26,488	198,660	303,585	2,552,963
SCALLOPS:							
BAY, SHUCKED	DO	42,369	413,097	485	3,274	-	-
SEA, BREADED, FROZEN	POUNDS	726,064	542,160	-	-	(1)	(1)
UNCLASSIFIED PRODUCTS:							
PACKAGED, FRESH AND FROZEN:							
FISH:							
FILLETS, PORTIONS, STEAKS AND STICKS (NOT BREADED AND BREADED). .	DO	2,122,376	927,120	55,930	28,937	7,615,347	4,318,110
SPECIALTIES.	DO	2/278,132	2/117,153	3/383,680	3/168,352	4/790,106	4/371,329
SHELLFISH (INCLUDING SPECIALTIES).	DO	5/233,006	5/133,030	6/4,549,327	6/4,316,042	7/5,966,967	7/4,738,199

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

MANUFACTURED FISHERY PRODUCTS, 1959 - Continued

ITEM		NEW YORK		NEW JERSEY		DELAWARE AND PENNSYLVANIA	
		QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
UNCLASSIFIED PRODUCTS-CONT'D.							
CANNED:							
FISH.	STANDARD CASES	[8] 237,504	[8] $2,455,234	[9] 235,348	[9] $3,738,592	[10] 78,080	[10] $291,972
SHELLFISH	DO	[11] 48,933	[11] 516,156	[12] 1,128,720	[12] 7,184,812	[13] 263,891	[13] 2,081,035
CURED (SALTED AND SMOKED).	POUNDS	[14] 138,045	[14] 86,697	[15] 2,374,001	[15] 1,706,832	[16] 2,058,950	[16] 1,780,510
BYPRODUCTS.	-	-	[17] 2,026,334	-	[18] 7,039,898	-	[19] 5,492,315
TOTAL	-	-	26,828,644	-	26,413,695	-	22,044,067

[1] INCLUDED WITH "UNCLASSIFIED PRODUCTS."

[2] INCLUDES FROZEN BREADED COD CAKES, FISH BURGERS, AND FISH FRANKS.

[3] INCLUDES FROZEN CODFISH CAKES, BAKED HADDOCK FILLETS, AND CHOPPED SEA HERRING.

[4] FROZEN CODFISH CAKES.

[5] INCLUDES FROZEN CRAB CAKES, LOBSTER MEAT IN TOMATO SAUCE, CLAMS IN TOMATO SAUCE, CLAM CHOWDER, CONCH MEAT, CONCH MEAT IN TOMATO SAUCE, SQUID IN TOMATO SAUCE AND DEHYDRATED CLAM BROTH CONCENTRATE.

[6] INCLUDES FROZEN DEVILED CRABS, CRAB CAKES, COOKED AND DEVEINED SHRIMP, BREADED SHRIMP, SHRIMP COCKTAIL, STUFFED SHRIMP, SHRIMP STEAKS, DEVILED CLAMS, BREADED CLAMS, MUSSELS IN HOT SAUCE, BREADED OYSTERS, TURTLE STEAKS, AND SOUPS FROM UNCLASSIFIED SPECIES OF SHELLFISH.

[7] INCLUDES FROZEN CRAB CAKES, DEVILED CRABS, LOBSTERETTES, BREADED SHRIMP, SHRIMP COCKTAIL, CLAM STICKS, CLAM CAKES, BREADED OYSTERS, OYSTER PIE, OYSTER STEW, BREADED SEA SCALLOPS, AND SHELLFISH DINNERS.

[8] INCLUDES CANNED ANCHOVIES, ANCHOVY PASTE, SEA HERRING SPREAD; CAVIAR OR LUMPFISH, STURGEON, AND WHITEFISH; GEFILTEFISH, AND ANIMAL FOOD.

[9] INCLUDES CANNED FISH CAKES, GEFILTEFISH, FISH HORS-D' OEUVRES, AND ANIMAL FOOD.

[10] INCLUDES CANNED TUNA BABY FOOD AND ANIMAL FOOD.

[11] INCLUDES CANNED HARD AND SURF CLAMS WHOLE, MINCED, BROTH, JUICE, AND CHOWDER; CONCH MEAT, AND SQUID.

[12] INCLUDES CANNED CRABMEAT IN BISQUE AND NEWBURG; LOBSTER IN BISQUE, CHOWDER, NEWBURG, SOUPS AND STEWS; SHRIMP IN BISQUE, CREOLE, CHOWDER, SAUCES, SOUPS, AND STEWS; SURF CLAMS MINCED, JUICE AND IN CHOWDER; CONCH MEAT; OYSTER BISQUE, OYSTER STEW, SQUID, FROG LEGS; TURTLE AND TERRAPIN MEAT, SOUP AND STEW; SHELLFISH BOUILLABAISE.

[13] INCLUDES CANNED HARD AND SURF CLAMS WHOLE, MINCED, JUICE, CHOWDER AND SAUCE; CONCH MEAT, AND TURTLE SOUP.

[14] INCLUDES SALTED CODFISH; SMOKED DANISH BROOK TROUT, COD FILLETS, FINNAN HADDIE (HADDOCK) AND MACKEREL.

[15] INCLUDES SALTED CODFISH AND SHARK HIDES; SMOKED BUTTERFISH, CARP, CHUBS, EELS, LAKE TROUT, SABLEFISH, SALMON, STURGEON, WHITEFISH, WHITING AND UNCLASSIFIED SPECIES.

[16] INCLUDES SMOKED BUTTERFISH, CARP, CHUBS, EELS, LAKE TROUT, SABLEFISH, SALMON, SHAD, STURGEON, WHITEFISH, AND WHITING.

[17] INCLUDES MENHADEN MEAL, OIL AND SOLUBLES; MARINE PEARL-SHELL AND MUSSEL-SHELL BUTTONS; OYSTER-SHELL POULTRY GRIT.

[18] INCLUDES MENHADEN MEAL, OIL AND SOLUBLES; IRISH MOSS DERIVATIVE; MARINE PEARL-SHELL BUTTONS; HORSESHOE CRAB MEAL; OYSTER-SHELL LIME AND GRIT.

[19] INCLUDES MENHADEN MEAL, OIL, AND SOLUBLES; MARINE PEARL-SHELL BUTTONS; OYSTER-SHELL GRIT.

NOTE:--SOME OF THE ABOVE PRODUCTS MAY HAVE BEEN MANUFACTURED FROM RAW PRODUCTS IMPORTED FROM ANOTHER STATE OR A FOREIGN COUNTRY, THEREFORE, THEY CANNOT BE CORRELATED DIRECTLY WITH THE CATCH WITHIN THE STATE.

SUMMARY OF PRODUCTION, BY COMMODITIES, 1959

SUMMARY OF ITEMS		QUANTITY	VALUE
PACKAGED, FRESH AND FROZEN:			
NOT BREADED:			
FISH FILLETS AND STEAKS	POUNDS	7,582,016	$3,719,081
SHELLFISH	DO	13,384,632	5,940,879
BREADED:			
FISH.	DO	9,126,986	4,950,098
SHELLFISH	DO	4,501,652	3,860,617
FISH AND SHELLFISH SPECIALTIES (NOT BREADED AND BREADED)	DO	11,427,445	8,821,758
CANNED:			
FISH (INCLUDING ANIMAL FOOD).	STANDARD CASES	555,752	6,748,498
SHELLFISH	DO	1,441,544	9,782,003
CURED FISH:			
SALTED.	POUNDS	2,271,690	1,228,054
SMOKED AND KIPPERED	DO	16,958,031	15,676,871
BYPRODUCTS	-	-	14,558,547
TOTAL.	-	-	75,286,406

SUMMARY OF VALUE, BY STATES, 1959

STATE	VALUE
NEW YORK.	$26,828,644
NEW JERSEY.	26,413,695
DELAWARE.	9,558,908
PENNSYLVANIA.	12,485,159
TOTAL.	75,286,406

NEW YORK

OPERATING UNITS BY GEAR, 1959

ITEM	HAUL SEINES, COMMON	PURSE SEINES, MENHADEN	OTTER TRAWLS, FISH	POUND NETS, FISH	FYKE NETS, FISH	POTS AND TRAPS
						CONCH
FISHERMEN:	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
ON VESSELS	9	190	416	56	-	-
ON BOATS AND SHORE:						
REGULAR	54	-	33	12	12	-
CASUAL	80	-	-	20	26	1
TOTAL	143	190	449	88	38	1
VESSELS, MOTOR	4	10	137	14	-	-
NET TONNAGE	32	1,408	3,212	107	-	-
BOATS:						
MOTOR	35	-	18	12	19	1
OTHER	6	-	-	12	5	-
ACCESSORY BOATS	-	30	-	-	-	-
GEAR:						
NUMBER	44	10	155	114	164	50
LENGTH, YARDS	14,612	4,000	-	-	-	-
YARDS AT MOUTH	-	-	2,960	-	-	-

ITEM	POTS AND TRAPS - CONTINUED			GILL NETS		
				ANCHOR	DRIFT	
	EEL	FISH	LOBSTER		SHAD	OTHER
FISHERMEN:	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
ON VESSELS	-	2	16	2	-	6
ON BOATS AND SHORE:						
REGULAR	10	-	24	8	1	6
CASUAL	23	-	32	19	113	6
TOTAL	33	2	72	29	114	18
VESSELS, MOTOR	-	1	8	1	-	3
NET TONNAGE	-	10	99	6	-	23
BOATS:						
MOTOR	24	-	31	23	58	6
OTHER	1	-	10	-	-	-
GEAR:						
NUMBER	793	200	7,312	36	58	9
SQUARE YARDS	-	-	-	13,795	145,756	28,760

ITEM	GILL NETS - CONTINUED		LINES		DIP NETS, COMMON	HARPOONS, SWORDFISH	SPEARS
	RUNAROUND	STAKE	HAND	LONG OR SET WITH HOOKS			
FISHERMEN:	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
ON VESSELS	-	-	-	18	-	14	-
ON BOATS AND SHORE:							
REGULAR	12	28	125	42	50	6	-
CASUAL	8	53	300	41	25	2	26
TOTAL	20	81	425	101	75	22	26
VESSELS, MOTOR	-	-	-	9	-	7	-
NET TONNAGE	-	-	-	110	-	95	-
BOATS:							
MOTOR	10	61	200	44	75	4	26
OTHER	-	4	25	1	-	-	-
ACCESSORY BOATS	-	-	-	-	-	1	-
GEAR:							
NUMBER	10	87	425	95	75	11	26
SQUARE YARDS	16,800	117,648	-	-	-	-	-
HOOKS	-	-	700	65,525	-	-	-

ITEM	DREDGES				TONGS	RAKES	TOTAL, EXCLUSIVE OF DUPLICATION
	CLAM	CRAB	OYSTER, COMMON	SCALLOP			
FISHERMEN:	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
ON VESSELS	69	-	77	172	-	-	940
ON BOATS AND SHORE:							
REGULAR	8	-	6	250	355	319	827
CASUAL	-	4	-	325	1,020	580	1,776
TOTAL	77	4	83	747	1,375	899	3,543

(CONTINUED ON NEXT PAGE)

NEW YORK - OPERATING UNITS BY GEAR, 1959 - Continued

ITEM	DREDGES				TONGS	RAKES	TOTAL, EXCLUSIVE OF DUPLICATION
	CLAM	CRAB	OYSTER, COMMON	SCALLOP			
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
VESSELS, MOTOR	28	-	18	16	-	-	210
NET TONNAGE	431	-	391	905	-	-	5,961
BOATS:							
MOTOR	5	2	3	475	760	689	1,501
OTHER	-	-	-	-	15	10	89
ACCESSORY BOATS	-	-	-	-	-	-	30
GEAR:							
NUMBER	33	2	39	1,107	1,375	899	-
YARDS AT MOUTH	28	3	55	1,186	-	-	-

NEW YORK - CATCH BY GEAR, 1959

SPECIES	HAUL SEINES		PURSE SEINES		OTTER TRAWLS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	5,000	$200	-	-	-	-
ANGLERFISH	-	-	-	-	28,600	$1,034
BLUEFISH	15,800	3,629	-	-	2,000	463
BULLHEADS	300	40	-	-	-	-
BUTTERFISH	1,000	106	-	-	2,374,900	252,480
CARP	5,000	303	-	-	-	-
CATFISH	200	30	-	-	-	-
COD	-	-	-	-	1,050,800	97,688
EELS:						
COMMON	1,200	202	-	-	-	-
CONGER	-	-	-	-	3,400	68
FLOUNDERS:						
GRAY SOLE	-	-	-	-	1,900	182
YELLOWTAIL	-	-	-	-	581,800	74,308
BLACKBACK	2,700	216	-	-	1,211,500	96,789
FLUKE	5,200	928	-	-	2,692,300	479,933
HADDOCK	-	-	-	-	5,300	681
HAKE:						
RED	-	-	-	-	287,200	8,361
WHITE	-	-	-	-	2,400	76
HERRING, SEA	-	-	-	-	8,200	87
KING WHITING OR "KINGFISH"	1,100	191	-	-	-	-
MACKEREL	-	-	-	-	500	100
MENHADEN	-	-	74,370,000	$944,500	-	-
POLLOCK	-	-	-	-	5,800	519
SCUP OR PORGY	367,300	22,727	-	-	12,859,500	795,713
SEA BASS	-	-	-	-	563,900	106,385
SEA ROBIN	-	-	-	-	3,100	62
SEA TROUT OR WEAKFISH, GRAY	15,600	3,198	-	-	18,000	3,696
SHAD	12,400	2,023	-	-	-	-
SHARKS:						
GRAYFISH	-	-	-	-	52,700	1,717
UNCLASSIFIED	-	-	-	-	200	10
SILVERSIDES	96,100	7,365	-	-	-	-
SKATES	-	-	-	-	41,300	1,588
STRIPED BASS	379,700	101,192	-	-	8,600	2,292
STURGEON	1,400	327	-	-	3,100	733
SWELLFISH	5,000	287	-	-	400	25
TAUTOG	8,000	280	-	-	-	-
TILEFISH	-	-	-	-	66,100	9,887
WHITEBAIT	18,400	4,065	-	-	-	-
WHITE PERCH	13,800	2,300	-	-	-	-
WHITING	-	-	-	-	2,059,000	103,891
UNCLASSIFIED:						
FOR FOOD	27,200	2,720	-	-	229,600	22,960
BAIT, REDUCTION, AND ANIMAL FOOD	-	-	-	-	622,800	6,228
LOBSTERS, NORTHERN	-	-	-	-	240,800	85,009
SQUID	-	-	-	-	652,900	49,588
TOTAL	982,400	152,329	74,370,000	944,500	25,678,600	2,202,553

(CONTINUED ON NEXT PAGE)

NEW YORK - CATCH BY GEAR, 1959 - Continued

SPECIES	POUND NETS		FYKE NETS		POTS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	-	-	40,200	$803	-	-
BLUEFISH	105,500	$24,230	-	-	-	-
BONITO	35,800	4,507	-	-	-	-
BULLHEADS	-	-	2,100	275	-	-
BUTTERFISH	159,500	16,949	-	-	-	-
CARP	-	-	2,400	132	-	-
CATFISH	-	-	5,000	452	-	-
EELS, COMMON	69,700	11,709	14,100	2,365	69,200	$10,995
FLOUNDERS:						
BLACKBACK	26,300	2,103	67,300	5,377	-	-
FLUKE	20,400	3,642	-	-	-	-
HAKE, RED	600	17	-	-	-	-
HERRING, SEA	127,000	1,359	-	-	-	-
KING WHITING OR "KINGFISH"	900	157	-	-	-	-
MACKEREL	47,600	9,187	-	-	-	-
MENHADEN	1,413,300	14,133	-	-	-	-
SCUP OR PORGY	261,600	16,185	-	-	-	-
SEA BASS	2,900	547	-	-	28,300	5,341
SEA TROUT OR WEAKFISH, GRAY	4,900	1,015	-	-	-	-
SHAD	168,000	29,756	500	60	-	-
SHARKS:						
GRAYFISH	1,000	32	-	-	-	-
UNCLASSIFIED	300	15	-	-	-	-
STRIPED BASS	1,500	400	-	-	-	-
STURGEON	200	47	-	-	-	-
SUCKERS	-	-	1,100	146	-	-
SUNFISH	-	-	200	42	-	-
SWELLFISH	132,600	7,620	-	-	-	-
TAUTOG	3,300	113	-	-	-	-
TOMCOD	-	-	1,200	304	-	-
TUNA:						
BLUEFIN	6,900	1,294	-	-	-	-
LITTLE	52,000	1,600	-	-	-	-
WHITE PERCH	-	-	1,300	152	-	-
WHITING	9,500	483	-	-	-	-
YELLOW PERCH	-	-	400	56	-	-
UNCLASSIFIED:						
FOR FOOD	47,700	4,770	1,000	100	-	-
BAIT, REDUCTION, AND ANIMAL FOOD	168,500	1,685	-	-	-	-
LOBSTERS, NORTHERN	-	-	-	-	268,700	124,799
CONCHS	-	-	-	-	9,100	1,823
SQUID	44,800	3,401	-	-	-	-
TOTAL	2,912,300	156,956	136,800	10,264	375,300	142,958

SPECIES	GILL NETS					
	ANCHOR		DRIFT		RUNAROUND	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	-	-	400	$8	-	-
BLUEFISH	12,200	$2,802	-	-	24,900	$5,719
CARP	-	-	4,700	236	-	-
CATFISH	200	28	-	-	-	-
MACKEREL	-	-	22,200	4,285	-	-
SEA TROUT OR WEAKFISH, GRAY	1,900	390	-	-	4,300	882
SHAD	-	-	206,300	16,244	-	-
SHARKS, GRAYFISH	1,000	33	-	-	-	-
STRIPED BASS	-	-	3,900	521	-	-
STURGEON	5,800	1,355	1,000	279	-	-
WHITE PERCH	7,300	777	-	-	-	-
UNCLASSIFIED, FOR FOOD	-	-	-	-	3,000	300
TOTAL	28,400	5,385	238,500	21,573	32,200	6,901

(CONTINUED ON NEXT PAGE)

NEW YORK - CATCH BY GEAR, 1959 - Continued

SPECIES	GILL NETS - CONTINUED		LINES			
	STAKE		HAND		LONG OR SET WITH HOOKS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUEFISH	-	-	101,100	$23,216	-	-
CARP	400	$20	-	-	-	-
CATFISH	1,100	92	-	-	13,300	$1,346
COD	-	-	26,000	2,418	876,400	81,640
MACKEREL	-	-	300	60	-	-
POLLOCK	-	-	1,000	88	-	-
SHAD	285,000	31,078	-	-	-	-
STRIPED BASS	129,200	13,277	15,100	4,025	-	-
STURGEON	2,300	230	-	-	-	-
TUNA:						
BLUEFIN	-	-	12,500	2,344	-	-
LITTLE	-	-	1,500	45	-	-
TOTAL	418,000	44,697	157,500	32,196	889,700	82,986

SPECIES	DIP NETS		HARPOONS		SPEARS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
EELS, COMMON	-	-	-	-	83,700	$14,062
SWORDFISH	-	-	99,900	$40,810	-	-
SCALLOPS, BAY	5,000	$5,018	-	-	-	-
TOTAL	5,000	5,018	99,900	40,810	83,700	14,062

SPECIES	DREDGES		TONGS		RAKES	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BUTTERFISH	27,800	$2,955	-	-	-	-
COD	200	19	-	-	-	-
FLOUNDERS:						
GRAY SOLE	300	30	-	-	-	-
YELLOWTAIL	30,300	3,870	-	-	-	-
BLACKBACK	2,100	168	-	-	-	-
FLUKE	90,700	16,168	-	-	-	-
SCUP OR PORGY	1,400	87	-	-	-	-
SEA BASS	16,400	3,094	-	-	-	-
SHARKS, GRAYFISH	2,900	100	-	-	-	-
WHITING	600	30	-	-	-	-
CRABS, BLUE, HARD	1,800	248	-	-	-	-
LOBSTERS, NORTHERN	58,200	20,370	-	-	-	-
CLAMS:						
HARD:						
PUBLIC	-	-	859,000	$525,405	924,000	$580,349
PRIVATE	1,624,200	993,446	-	-	-	-
RAZOR	-	-	-	-	15,200	3,093
SOFT, PUBLIC	-	-	-	-	261,700	86,427
SURF	514,400	60,730	-	-	-	-
CONCHS	7,500	1,510	-	-	-	-
MUSSELS, SEA	-	-	28,700	4,995	-	-
OYSTERS, MARKET, PRIVATE:						
SPRING	309,500	316,026	-	-	-	-
FALL	580,400	592,270	-	-	-	-
SCALLOPS:						
BAY	376,400	377,879	-	-	-	-
SEA	2,986,100	1,419,084	-	-	-	-
SQUID	42,400	3,218	-	-	-	-
TOTAL	6,673,600	3,811,302	887,700	530,400	1,200,900	669,869

OYSTER

MIDDLE ATLANTIC FISHERIES

NEW JERSEY

OPERATING UNITS BY GEAR, 1959

ITEM	HAUL SEINES, COMMON	STOP SEINES	PURSE SEINES	
			MENHADEN	OTHER
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:				
ON VESSELS	-	-	544	71
ON BOATS AND SHORE:				
REGULAR	17	-	-	-
CASUAL	28	6	-	-
TOTAL	45	6	544	71
VESSELS, MOTOR	-	-	30	8
NET TONNAGE	-	-	3,105	130
BOATS:				
MOTOR	32	3	-	-
OTHER	2	3	-	-
ACCESSORY BOATS	-	-	88	14
GEAR:				
NUMBER	28	3	30	8
LENGTH, YARDS	4,641	433	11,090	2,020

ITEM	BEAM TRAWLS	OTTER TRAWLS, FISH	WEIRS	POUND NETS, FISH	FYKE NETS, FISH
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS	-	578	-	112	-
ON BOATS AND SHORE:					
REGULAR	-	18	1	31	1
CASUAL	9	8	3	12	11
TOTAL	9	604	4	155	12
VESSELS, MOTOR	-	178	-	26	-
NET TONNAGE	-	3,807	-	175	-
BOATS:					
MOTOR	9	13	4	9	12
OTHER	-	-	4	-	-
GEAR:					
NUMBER	9	191	5	72	21
YARDS AT MOUTH	26	4,188	-	-	-

ITEM	POTS AND TRAPS				
	CRAB	EEL	FISH	LOBSTER	TURTLE
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS	2	-	12	8	-
ON BOATS AND SHORE:					
REGULAR	37	6	75	18	-
CASUAL	17	16	1	-	12
TOTAL	56	22	88	26	12
VESSELS, MOTOR	1	-	6	4	-
NET TONNAGE	6	-	33	25	-
BOATS:					
MOTOR	32	19	39	9	12
OTHER	-	2	-	-	-
GEAR, NUMBER	3,289	450	24,250	3,650	72

ITEM	GILL NETS				
	ANCHOR	DRIFT		RUNAROUND	STAKE
		SHAD	OTHER		
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS	4	1	22	6	9
ON BOATS AND SHORE:					
REGULAR	14	-	34	16	43
CASUAL	-	1	32	8	59
TOTAL	18	2	88	30	111
VESSELS, MOTOR	2	1	9	3	4
NET TONNAGE	14	7	69	17	34
BOATS:					
MOTOR	7	1	33	12	51
OTHER	-	-	11	-	19
GEAR:					
NUMBER	33	2	50	15	64
SQUARE YARDS	164,666	1,333	178,497	149,594	112,929

(CONTINUED ON NEXT PAGE)

NEW JERSEY - OPERATING UNITS BY GEAR, 1959 - Continued

ITEM	LINES				PUSH NETS
	HAND	TROLL	LONG OR SET WITH HOOKS	TROT WITH BAITS	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS.	27	34	69	-	-
ON BOATS AND SHORE:					
REGULAR	10	29	81	8	-
CASUAL.	25	89	12	17	12
TOTAL	62	152	162	25	12
VESSELS, MOTOR.	10	17	28	-	-
NET TONNAGE	108	138	286	-	-
BOATS:					
MOTOR	31	73	47	23	-
OTHER	-	-	-	2	12
GEAR:					
NUMBER.	143	370	75	25	12
HOOKS OR BAITS	143	370	230,100	9,250	-

ITEM	HARPOONS, SWORDFISH	SPEARS	DREDGES			
			CLAM	CRAB	OYSTER, COMMON	SCALLOP
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS.	7	-	312	93	268	197
ON BOATS AND SHORE:						
REGULAR	3	-	10	12	22	10
CASUAL.	-	8	-	-	9	-
TOTAL	10	8	322	105	299	207
VESSELS, MOTOR.	2	-	110	35	34	21
NET TONNAGE	63	-	2,179	504	788	755
BOATS:						
MOTOR	1	6	5	7	20	7
OTHER	-	1	-	-	-	-
GEAR:						
NUMBER.	3	8	166	79	99	54
YARDS AT MOUTH.	-	-	208	124	101	147

ITEM	TONGS		RAKES	HOES	BY HAND	TOTAL, EXCLUSIVE OF DUPLICATION
	OYSTER	OTHER				
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS.	1	-	7	-	-	1,918
ON BOATS AND SHORE:						
REGULAR	85	364	267	20	133	753
CASUAL.	12	750	535	60	419	1,326
TOTAL	98	1,114	809	80	552	3,997
VESSELS, MOTOR.	1	-	3	-	-	359
NET TONNAGE	7	-	25	-	-	9,899
BOATS:						
MOTOR	97	807	600	42	382	1,294
OTHER	-	230	129	9	69	327
ACCESSORY BOATS	-	-	-	-	-	100
GEAR, NUMBER.	98	1,114	809	80	-	-

NEW JERSEY - CATCH BY GEAR, 1959

SPECIES	HAUL SEINES		STOP SEINES		PURSE SEINES	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	2,100	$84	-	-	-	-
BLUEFISH	-	-	-	-	35,800	$5,293
BONITO	-	-	-	-	1,700	214
CARP	600	30	19,800	$953	-	-
CATFISH	16,200	1,287	-	-	-	-
FLOUNDERS, BLACKBACK	200	22	-	-	-	-
MENHADEN	-	-	-	-	280,173,700	3,282,771
MULLET	22,400	4,449	-	-	-	-
SCUP OR PORGY	-	-	-	-	3,734,900	260,712
SEA BASS	-	-	-	-	500	68
SEA TROUT OR WEAKFISH, GRAY	-	-	-	-	53,600	8,282
SHAD	5,000	762	-	-	-	-
STRIPED BASS	52,400	14,717	-	-	-	-
TAUTOG	-	-	-	-	400	17
TUNA, LITTLE	-	-	-	-	700	38
WHITE PERCH	51,000	6,842	-	-	-	-
UNCLASSIFIED, FOR FOOD	100	11	-	-	-	-
CRABS, BLUE, HARD	500	50	-	-	-	-
TOTAL	150,500	28,254	19,800	953	284,001,300	3,557,395

SPECIES	BEAM TRAWLS		OTTER TRAWLS		WEIRS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ANGLERFISH	-	-	2,700	$65	-	-
BLUEFISH	-	-	19,000	3,377	-	-
BONITO	-	-	200	26	-	-
BUTTERFISH	-	-	1,716,800	133,660	100	$4
COD	-	-	1,162,100	58,468	-	-
CROAKER	-	-	300	70	800	190
CUNNER	-	-	100	4	-	-
EELS:						
COMMON	-	-	-	-	15,600	5,143
CONGER	-	-	3,700	131	-	-
FLOUNDERS:						
GRAY SOLE	-	-	21,400	1,481	-	-
YELLOWTAIL	-	-	1,700	119	-	-
BLACKBACK	-	-	58,800	2,822	-	-
DAB	-	-	100	4	-	-
FLUKE	-	-	6,223,100	892,115	7,300	548
HADDOCK	-	-	1,500	102	-	-
HAKE:						
RED	-	-	616,100	18,624	-	-
WHITE	-	-	57,800	2,433	-	-
HERRING, SEA	-	-	11,200	230	-	-
KING WHITING OR "KINGFISH"	-	-	5,000	423	-	-
MACKEREL	-	-	700	144	-	-
MENHADEN	-	-	100	2	-	-
POLLOCK	-	-	1,400	92	-	-
SCUP OR PORGY	-	-	7,927,500	454,812	-	-
SEA BASS	-	-	1,802,900	238,847	-	-
SEA ROBIN	-	-	210,400	2,923	-	-
SEA TROUT OR WEAKFISH, GRAY	-	-	171,400	15,954	2,400	353
SHAD	-	-	200	16	200	41
SHARKS:						
GRAYFISH	-	-	9,100	374	-	-
UNCLASSIFIED	-	-	6,700	309	-	-
SKATES	-	-	1,100	34	-	-
SPOT	-	-	100	8	-	-
STRIPED BASS	-	-	400	98	600	141
STURGEON	-	-	3,000	668	-	-
SWELLFISH	-	-	20,000	1,174	-	-
TAUTOG	-	-	4,600	149	-	-
THIMBLE-EYED MACKEREL	-	-	6,400	136	-	-
TILEFISH	-	-	26,000	2,905	-	-
WHITE PERCH	-	-	-	-	1,300	128
WHITING	-	-	2,082,500	93,714	-	-
UNCLASSIFIED:						
FOR FOOD	-	-	5,600	400	-	-
BAIT, REDUCTION, AND ANIMAL FOOD	-	-	2,142,800	29,202	-	-
CRABS:						
BLUE, HARD	-	-	-	-	1,800	268
ROCK	-	-	4,900	358	-	-
HORSESHOE CRABS	-	-	-	-	77,000	693
LOBSTERS, NORTHERN	-	-	900,400	252,491	-	-
SHRIMP	3,100	$3,100	-	-	-	-

(CONTINUED ON NEXT PAGE)

NEW JERSEY - CATCH BY GEAR, 1959 - Continued

SPECIES	BEAM TRAWLS		OTTER TRAWLS		WEIRS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CLAMS, SURF	-	-	400	$44	-	-
CONCHS	-	-	80,300	8,017	-	-
SCALLOPS, SEA	-	-	2,800	1,157	-	-
SQUID	-	-	291,000	19,266	-	-
TOTAL	3,100	$3,100	25,604,300	2,237,448	107,100	$7,509

SPECIES	POUND NETS		FYKE NETS		POTS AND TRAPS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	-	-	100	$4	-	-
AMBERJACK	2,500	$79	-	-	-	-
BLUEFISH	89,200	16,570	-	-	-	-
BONITO	46,200	4,670	-	-	-	-
BUTTERFISH	80,200	7,146	-	-	-	-
CATFISH	-	-	8,500	850	-	-
COD	1,100	70	-	-	2,300	$151
CROAKER	400	84	-	-	-	-
CUNNER	500	90	-	-	-	-
DRUM, BLACK	1,300	93	-	-	-	-
EELS:						
COMMON	400	66	-	-	44,000	7,598
CONGER	-	-	-	-	600	14
FLOUNDERS:						
BLACKBACK	100	8	14,400	1,410	-	-
FLUKE	61,800	7,049	-	-	-	-
HAKE, RED	29,700	754	-	-	8,100	178
HERRING, SEA	495,000	9,081	-	-	-	-
HICKORY SHAD	600	38	-	-	-	-
KING WHITING OR "KINGFISH"	1,100	108	-	-	-	-
MACKEREL	54,500	6,657	-	-	-	-
MENHADEN	15,795,200	172,653	-	-	-	-
MULLET	200	12	-	-	-	-
SCUP OR PORGY	987,300	79,627	-	-	1,800	93
SEA BASS	8,900	888	-	-	1,926,400	253,190
SEA ROBIN	62,400	775	-	-	-	-
SEA TROUT OR WEAKFISH, GRAY	55,000	10,716	-	-	-	-
SHAD	276,800	32,635	-	-	-	-
SHARKS, GRAYFISH	1,900	37	-	-	-	-
SKATES	2,800	83	-	-	-	-
SPANISH MACKEREL	800	73	-	-	-	-
SPOT	200	20	-	-	-	-
STRIPED BASS	100	31	-	-	-	-
STURGEON	5,600	1,255	-	-	-	-
SWELLFISH	34,900	1,742	-	-	-	-
TAUTOG	1,400	54	-	-	32,900	1,001
THIMBLE-EYED MACKEREL	455,900	19,940	-	-	-	-
TUNA:						
BLUEFIN	7,700	685	-	-	-	-
LITTLE	118,700	3,858	-	-	-	-
WHITE PERCH	-	-	18,200	2,735	-	-
WHITING	398,600	12,873	-	-	100	3
UNCLASSIFIED:						
FOR FOOD	2,800	212	-	-	4,100	263
BAIT, REDUCTION, AND ANIMAL FOOD	1,700	17	-	-	-	-
CRABS:						
BLUE:						
HARD	500	50	-	-	586,800	85,910
SOFT AND PEELER	-	-	-	-	300	90
ROCK	-	-	-	-	200	8
LOBSTERS, NORTHERN	-	-	-	-	196,400	101,256
SQUID	61,500	4,610	-	-	-	-
TURTLES:						
LOGGERHEAD	800	83	-	-	-	-
SNAPPER	-	-	-	-	27,000	3,780
TOTAL	19,146,300	395,492	41,200	4,999	2,831,000	453,535

(CONTINUED ON NEXT PAGE)

NEW JERSEY - CATCH BY GEAR, 1959 - Continued

SPECIES	GILL NETS							
	ANCHOR		DRIFT		RUNAROUND		STAKE	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUEFISH	-	-	200	$42	89,300	$16,279	-	-
BONITO	-	-	400	73	2,700	340	-	-
BUTTERFISH	-	-	800	110	-	-	-	-
CROAKER	-	-	300	48	-	-	-	-
FLOUNDERS, FLUKE	-	-	100	18	-	-	100	$16
HERRING, SEA	-	-	100	4	-	-	100	5
MACKEREL	-	-	14,500	2,664	-	-	-	-
MENHADEN	-	-	120,800	4,089	-	-	9,800	138
SCUP OR PORGY	-	-	-	-	1,200	105	-	-
SEA TROUT OR WEAKFISH, GRAY	-	-	69,300	11,600	17,900	3,111	-	-
SHAD	7,500	$1,168	4,000	567	-	-	732,400	87,545
SHARKS, GRAYFISH	2,300	46	-	-	-	-	-	-
SPOT	-	-	8,700	602	-	-	-	-
STRIPED BASS	100	20	1,500	322	100	21	131,900	31,733
STURGEON	-	-	-	-	-	-	100	21
THIMBLE-EYED MACKEREL	-	-	-	-	100	5	-	-
TUNA, LITTLE	-	-	-	-	100	4	-	-
WHITE PERCH	-	-	1,700	180	-	-	200	29
WHITING	-	-	2,100	111	-	-	-	-
UNCLASSIFIED, FOR FOOD	-	-	200	22	-	-	100	12
TOTAL	9,900	1,234	224,700	20,452	111,400	19,865	874,700	119,499

SPECIES	LINES							
	HAND		TROLL		LONG OR SET WITH HOOKS		TROT WITH BAITS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ANGLERFISH	-	-	-	-	500	$22	-	-
BLUEFISH	36,500	$7,397	105,600	$21,057	-	-	-	-
BONITO	3,500	373	40,800	3,710	-	-	-	-
BUTTERFISH	-	-	100	8	-	-	-	-
COD	22,400	1,318	-	-	2,095,000	210,205	-	-
EELS, COMMON	100	16	-	-	-	-	-	-
HAKE, RED	-	-	-	-	1,200	46	-	-
KING WHITING OR "KINGFISH"	200	20	-	-	-	-	-	-
MACKEREL	1,100	270	1,400	152	-	-	-	-
SCUP OR PORGY	400	27	-	-	-	-	-	-
SEA BASS	500	60	-	-	-	-	-	-
SEA TROUT OR WEAKFISH, GRAY	1,900	302	800	109	-	-	-	-
SHARKS, UNCLASSIFIED	-	-	600	20	300	10	-	-
STRIPED BASS	-	-	9,100	2,296	-	-	-	-
THIMBLE-EYED MACKEREL	-	-	200	6	-	-	-	-
TUNA:								
BLUEFIN	4,000	213	5,900	571	-	-	-	-
LITTLE	-	-	3,800	118	-	-	-	-
WHITING	300	6	-	-	-	-	-	-
UNCLASSIFIED, FOR FOOD	200	12	200	15	-	-	-	-
CRABS, BLUE, HARD	-	-	-	-	-	-	51,200	$6,887
TOTAL	71,100	10,014	168,500	28,062	2,097,000	210,283	51,200	6,887

SPECIES	PUSH NETS		HARPOONS		SPEARS		DREDGES	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
EELS, COMMON	-	-	-	-	1,900	$403	-	-
FLOUNDERS:								
YELLOWTAIL	-	-	-	-	-	-	1,000	$40
BLACKBACK	-	-	-	-	-	-	200	9
FLUKE	-	-	-	-	-	-	1,800	197
HAKE, WHITE	-	-	-	-	-	-	100	3
SWORDFISH	-	-	25,300	$9,904	-	-	-	-
CRABS, BLUE, HARD	-	-	-	-	-	-	342,500	19,402
SHRIMP	1,000	$1,050	-	-	-	-	-	-
CLAMS:								
HARD:								
PUBLIC	-	-	-	-	-	-	211,200	71,734
PRIVATE	-	-	-	-	-	-	119,700	32,635
SURF	-	-	-	-	-	-	20,163,200	1,622,185
CONCHS	-	-	-	-	-	-	177,900	17,357

(CONTINUED ON NEXT PAGE)

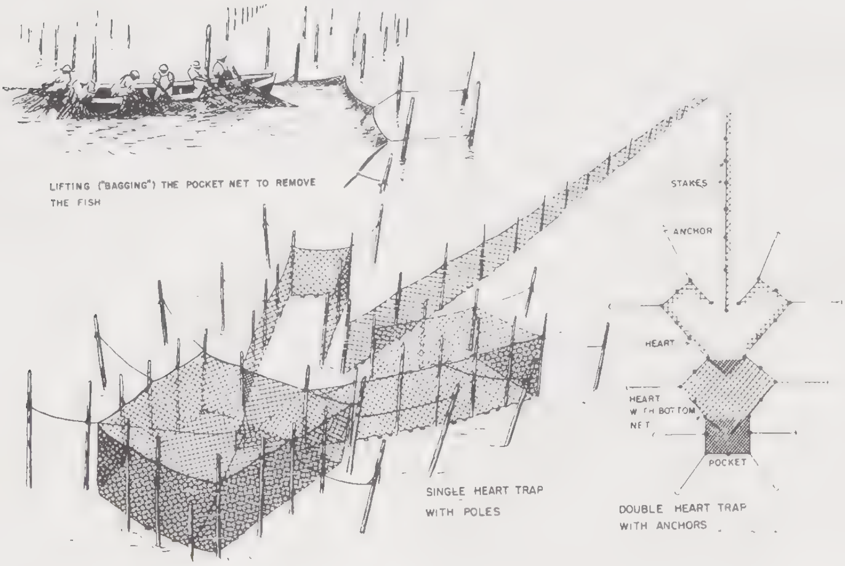
NEW JERSEY - CATCH BY GEAR, 1959 - Continued

SPECIES	PUSH NETS		HARPOONS		SPEARS		DREDGES	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
OYSTERS, MARKET, PRIVATE:								
SPRING.	-	-	-	-	-	-	20,400	$18,494
FALL.	-	-	-	-	-	-	118,900	108,948
SCALLOPS:								
BAY	-	-	-	-	-	-	4,400	3,162
SEA	-	-	-	-	-	-	960,100	394,138
TOTAL.	1,000	$1,050	25,300	$9,904	1,900	$403	22,121,400	2,288,304

SPECIES	TONGS		RAKES		HOES		BY HAND	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CLAMS:								
HARD, PUBLIC.	576,800	$201,894	583,300	$203,551	-	-	520,100	$182,015
SOFT, PUBLIC.	-	-	-	-	29,200	$12,272	64,800	27,216
OYSTERS, MARKET:								
PUBLIC:								
SPRING.	22,600	20,340	-	-	-	-	-	-
FALL.	17,500	16,762	-	-	-	-	-	-
PRIVATE:								
SPRING.	17,700	15,990	-	-	-	-	-	-
FALL.	8,900	8,699	-	-	-	-	-	-
TOTAL.	643,500	263,685	583,300	203,551	29,200	12,272	584,900	209,231

POUND NET

Atlantic Coast


LIFTING ("BAGGING") THE POCKET NET TO REMOVE THE FISH
STAKES
ANCHOR
HEART
HEART WITH BOTTOM NET
POCKET
SINGLE HEART TRAP WITH POLES
DOUBLE HEART TRAP WITH ANCHORS

MIDDLE ATLANTIC FISHERIES

DELAWARE

OPERATING UNITS BY GEAR, 1959

ITEM	HAUL SEINES, COMMON	PURSE SEINES, MENHADEN	OTTER TRAWLS, FISH	FYKE NETS, FISH	POTS AND TRAPS		
					CRAB	EEL	TURTLE
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS	-	408	11	-	-	-	-
ON BOATS AND SHORE:							
REGULAR	8	-	-	11	31	4	4
CASUAL	17	-	-	13	8	2	5
TOTAL	25	408	11	24	39	6	9
VESSELS, MOTOR	-	22	4	-	-	-	-
NET TONNAGE	-	2,184	72	-	-	-	-
BOATS:							
MOTOR	6	-	-	14	16	4	6
OTHER	5	-	-	-	-	-	-
ACCESSORY BOATS	-	66	-	-	-	-	-
GEAR:							
NUMBER	6	22	4	59	2,155	124	150
LENGTH, YARDS	1,675	7,620	-	-	-	-	-
YARDS AT MOUTH	-	-	73	-	-	-	-

ITEM	GILL NETS				LINES		DIP NETS, COMMON
	ANCHOR	DRIFT	RUNAROUND	STAKE	HAND	TROT WITH BAITS	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:							
REGULAR	2	9	12	21	4	-	-
CASUAL	3	13	12	11	2	4	6
TOTAL	5	22	24	32	6	4	6
BOATS, MOTOR	4	13	12	16	3	2	4
GEAR:							
NUMBER	4	13	12	16	6	2	6
SQUARE YARDS	1,960	13,570	14,800	23,170	-	-	-
HOOKS OR BAITS	-	-	-	-	6	1,500	-

ITEM	DREDGES			TONGS		RAKES	HOOKS, TURTLE	TOTAL, EXCLUSIVE OF DUPLICATION
	CLAM	CRAB	OYSTER, COMMON	OYSTER	OTHER			
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:								
ON VESSELS	49	57	65	-	-	-	-	550
ON BOATS AND SHORE:								
REGULAR	-	-	6	3	36	50	-	107
CASUAL	-	-	-	-	32	180	1	237
TOTAL	49	57	71	3	68	230	1	894
VESSELS, MOTOR	18	21	9	-	-	-	-	60
NET TONNAGE	475	351	227	-	-	-	-	2,987
BOATS:								
MOTOR	-	-	2	3	53	130	-	207
OTHER	-	-	-	-	15	25	-	30
ACCESSORY BOATS	-	-	-	-	-	-	-	66
GEAR:								
NUMBER	29	29	20	3	68	230	1	-
YARDS AT MOUTH	37	55	30	-	-	-	-	-

DELAWARE - CATCH BY GEAR, 1959

SPECIES	HAUL SEINES		PURSE SEINES		OTTER TRAWLS		FYKE NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUEFISH	-	-	-	-	-	-	1,000	$160
BULLHEADS	-	-	-	-	-	-	500	75
BUTTERFISH	-	-	-	-	1,500	$225	-	-
CARP	7,000	$280	-	-	-	-	2,100	135
CATFISH	-	-	-	-	-	-	400	40
COD	-	-	-	-	3,500	280	-	-
CROAKER	3,100	572	-	-	-	-	2,600	312
FLOUNDERS:								
BLACKBACK	-	-	-	-	11,700	705	17,100	1,710
FLUKE	-	-	-	-	95,400	13,210	-	-
UNCLASSIFIED	-	-	-	-	-	-	8,500	680
HAKE, RED	-	-	-	-	2,500	75	-	-
MENHADEN	-	-	281,132,000	$3,148,678	-	-	-	-
MINNOWS	4,200	840	-	-	-	-	-	-
MULLET	10,000	1,000	-	-	-	-	-	-
SEA TROUT OR WEAKFISH, GRAY	41,400	5,418	-	-	90,100	7,392	4,500	675
SPOT	-	-	-	-	-	-	5,500	495
STRIPED BASS	1,500	375	-	-	-	-	500	125
SWELLFISH	1,400	42	-	-	-	-	-	-
WHITE PERCH	-	-	-	-	32,100	2,568	2,300	230
WHITING	-	-	-	-	55,000	1,650	-	-
TOTAL	68,600	8,527	281,132,000	3,148,678	291,800	26,105	45,000	4,637

SPECIES	POTS AND TRAPS		GILL NETS					
			ANCHOR		DRIFT		RUNAROUND	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUEFISH	-	-	500	$72	-	-	2,800	$478
BULLHEADS	-	-	-	-	-	-	4,000	320
CARP	-	-	-	-	1,700	$85	20,500	1,025
CATFISH	-	-	-	-	-	-	1,500	225
CROAKER	-	-	-	-	-	-	3,000	440
EELS, COMMON	18,500	$1,850	-	-	-	-	-	-
KING WHITING OR "KINGFISH"	-	-	600	54	-	-	-	-
MENHADEN	-	-	-	-	9,000	375	-	-
MULLET	-	-	-	-	-	-	4,400	440
SEA TROUT OR WEAKFISH, GRAY	-	-	2,100	315	8,300	1,245	27,000	4,047
SHAD	-	-	-	-	1,500	228	-	-
SPOT	-	-	3,600	324	1,500	150	8,400	864
STRIPED BASS	-	-	900	225	200	50	-	-
STURGEON	-	-	-	-	1,100	392	-	-
WHITE PERCH	-	-	-	-	400	68	5,000	500
CRABS, BLUE, HARD	1,113,700	90,487	-	-	-	-	-	-
TURTLES, SNAPPER	43,600	4,500	-	-	-	-	-	-
TOTAL	1,175,800	96,837	7,700	990	23,700	2,593	76,600	8,339

SPECIES	GILL NETS - CONTINUED		LINES				DIP NETS	
	STAKE		HAND		TROT WITH BAITS			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUEFISH	100	$16	-	-	-	-	-	-
EELS, COMMON	-	-	-	-	-	-	8,000	$800
SEA TROUT OR WEAKFISH, GRAY	3,300	495	5,000	$750	-	-	-	-
SHAD	26,800	3,670	-	-	-	-	-	-
SPOT	700	70	-	-	-	-	-	-
STRIPED BASS	8,700	1,865	-	-	-	-	-	-
WHITE PERCH	2,000	230	-	-	-	-	-	-
CRABS, BLUE, HARD	-	-	-	-	3,700	$472	-	-
TOTAL	41,600	6,346	5,000	750	3,700	472	8,000	800

SPECIES	DREDGES		TONGS		RAKES		HOOKS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CRABS, BLUE, HARD	532,600	$34,620	-	-	-	-	-	-
CLAMS:								
HARD:								
PUBLIC	94,100	33,531	85,900	$32,208	128,800	$48,312	-	-
PRIVATE	34,400	12,255	-	-	-	-	-	-
SURF	1,704,800	170,478	-	-	-	-	-	-
OYSTERS, MARKET, PRIVATE:								
SPRING	147,900	77,355	22,700	13,000	-	-	-	-
FALL	99,000	52,963	25,400	15,467	-	-	-	-
TURTLES, SNAPPER	-	-	-	-	-	-	200	$16
TOTAL	2,612,800	381,202	134,000	60,675	128,800	48,312	200	16

HUDSON RIVER SHAD FISHERY

During 1959, the annual spring run of shad in the Hudson River yielded a commercial catch of over 336 thousand fish weighing 1 million pounds and valued at 125 thousand dollars. The 1959 catch was up 12 percent in volume and 8 percent in value compared with the 1958 catch. The average price per pound to the fishermen was somewhat less than in 1958.

In 1959 there were 234 fishermen employed in the Hudson River shad fishery -- 2 percent more than operated during the previous year. Statistics on the 1959 operating units and catch of shad in the Hudson River by New York and New Jersey fishermen are included in the operating unit and catch for these States.

SHAD

SUMMARY OF OPERATING UNITS AND CATCH, 1959

ITEM	NEW YORK			NEW JERSEY			TOTAL		
OPERATING UNITS	NUMBER			NUMBER			NUMBER		
FISHERMEN:									
ON BOATS AND SHORE:									
REGULAR	19			9			28		
CASUAL.	168			38			206		
TOTAL	187			47			234		
BOATS:									
MOTOR	109			24			133		
OTHER	3			4			7		
GEAR:									
HAUL SEINES	3			-			3		
LENGTH, YARDS . . .	334			-			334		
GILL NETS:									
DRIFT	57			1			58		
SQUARE YARDS. . .	145,489			533			146,022		
STAKE	73			12			85		
SQUARE YARDS. . .	101,359			30,866			132,225		
CATCH	NUMBER	POUNDS	VALUE	NUMBER	POUNDS	VALUE	NUMBER	POUNDS	VALUE
SHAD CAUGHT:									
HAUL SEINES..	310	1,134	$125	-	-	-	310	1,134	$125
GILL NETS:									
DRIFT	61,794	206,324	16,244	156	500	$60	61,950	206,824	16,304
STAKE	78,666	285,010	31,078	195,517	678,244	77,472	274,183	963,254	108,550
TOTAL	140,770	492,468	47,447	195,673	678,744	77,532	336,443	1,171,212	124,979

NOTE:--THE PRODUCTION IN THE ABOVE TABLE REPRESENTS THE CATCH OF SHAD IN THE HUDSON RIVER BETWEEN WEEHAWKEN, NEW JERSEY AND ALBANY, NEW YORK.

SECTION 4 - CHESAPEAKE FISHERIES

Fishermen landing catches at ports in the Chesapeake States (Maryland and Virginia) established records in both volume and value in 1959 with a yield amounting to over one-half billion pounds valued at over 38 million dollars. The 1959 catch represented an increase of 86 million pounds (17 percent) and nearly 2 million dollars (5 percent) over the production in 1958 -- the previous record year. The unprecedented high volume and value resulted from the largest production of menhaden in the history of the Chesapeake area; record catches of striped bass and white perch; increases in the landings of scup, fluke, and clams; and higher average prices paid for croakers, sea bass, oysters, and blue crabs.

There were 19,959 fishermen engaged in the Chesapeake fisheries in 1959. Fishing craft operating in these states during the year consisted of 1,202 vessels of 5 net tons and over, 9,834 motor boats, and 1,442 other craft.

Manufactured fishery products were produced by 652 establishments in 1959 -- somewhat less than in the previous year. These firms gave employment to over 13 thousand persons. Fishery products manufactured by these firms were valued at about 57 million dollars -- nearly 3 million dollars more than in 1958. This was due mainly to an increase in the pack of canned alewives, a greater quantity of shucked oysters, and a heavier production of menhaden meal and solubles.

A new summit in the total catch of menhaden in the Chesapeake area was reached in 1959. Landings totaled 415 million pounds, far exceeding the previous record production of 366 million pounds which had been in effect since 1920. In 1959, this species accounted for 70 percent of the total volume of fish and shellfish landed in these states The area's purse-seine fleet captured 387 million pounds of 93 percent of the total Chesapeake menhaden landings. An additional 23 million pounds were taken in pound nets while the remaining 5 million pounds were caught by haul seines, gill nets, and fyke nets. While some catches of menhaden were made at sea, the greater proportion (83 percent) of the harvest was taken in the Chesapeake Bay. All of the purse-seine catch, taken by 31 seiners, was landed in Virginia. There were times during the season when some of the seiners were forced to discontinue fishing because plants could not handle the heavy landings. As a result of the record volume of the catch and the small size of the menhaden taken, the number of fish landed was far greater than in 1958. Since small fish have a low oil content, the yield of oil averaged only 5.4 gallons per ton. This was less than half the recovery in 1958.

Late in the year there was a drastic falling off in price for fish meal and solubles and by the end of the year the market was in an acute stage of recession. This resulted from a record United States catch of menhaden and heavy imports of low-cost Peruvian fish meal. Year-end inventories -- at a very high level -- were moving slowly at sharply reduced prices.

Progress in the development of improved methods of locating and taking menhaden resulted in important changes in the menhaden fishery. Economic factors, largely resulting from imports of low-cost fish meal, spurred the industry to reduce operating costs. The use of planes for spotting greatly increased the ability of fishermen to find fish. General adoption of the power block reduced the number of fishermen required to handle the net. Use of an electric field to guide fish to desired areas in the net facilitated pumping them aboard the fishing vessel. Studies designed to develop new uses for menhaden products continued in hopes that the industry can be freed of its dependence on the margerine and animal feed markets.

CHESAPEAKE FISHERIES

The Chesapeake States, a region with many streams emptying huge quantities of nutrients into its coastal waters, led all other areas along the Atlantic and Gulf Coasts in the yield of oysters, blue crabs, and soft clams. Although landings of crabs and oyster meats were down sharply in 1959, the Chesapeake States still were able to provide 64 percent of the total oyster meats and 38 percent of the total crab production taken from Atlantic and Gulf waters. The importance of shellfish to the fisheries of the Chesapeake States is shown by the fact that they accounted for 71 percent of the value of fishery products landed in these states. However, these items accounted for only 15 percent of the volume of fish and shellfish landed.

The relatively new soft clam fishery in Maryland continued to expand in 1959 -- more men were employed and more craft were engaged. The catch of 4.5 million pounds of meats was larger than in the previous year although the market was slow. The soft clam fishery of Virginia has never been too active and in 1959 there was only a brief flurry of action by a few hopeful fishermen who rigged their craft for this fishery. The Virginia catch of 29 thousand pounds of meats was less than one percent of the Maryland production. Dredged soft clams from Chesapeake waters were produced at a lower cost than those taken in the New England beach fishery. The New England market was the only major outlet for Maryland clams. As there appears to be ample supplies of soft-shell clams in Maryland waters, an increased demand would insure expansion of the fishery.

Blue crabs were scarce at times in 1959 and total production was about 4 million pounds below that of 1958. However, as the average price paid to fishermen was higher due in part to larger-sized crabs, the overall value of the catch increased 673 thousand dollars. The industry experienced some troubles in 1959 -- there was difficulty in obtaining qualified crabmeat pickers during periods of heavy landings. During periods of low catches from local waters, picking houses augmented supplies of blue crabs from North Carolina and Delaware.

The seafood processing laboratory operated by the University of Maryland, through contractual arrangements with the Bureau under the Saltonstall-Kennedy program, was able to extend its services to the entire blue crab industry in 1959. Although its work has been concentrated on the blue crab, projects on oysters and clams were also undertaken. Important accomplishments during the year included the results of laboratory studies and investigations on methods of cooking and pasteurizing crabmeat. It was determined that steam-boiling of crabs, rather than pressure cooking, produced higher yields (3 percent increase) of meats. Pasteurization of crabmeat increases the shelf-life of this product from a period of ten days to as long as six months. Recommendations made by the laboratory have been widely accepted and pasteurization has been called the lifesaver of the crabmeat industry. The result of this work should be helpful in the stabilization of prices since in times of heavy supply, excess meat can be pasteurized and stored until demand improves.

The 1959 yield of oysters from waters in the Chesapeake area was the lowest since 1951 -- catches were down in both states. In Maryland, production was at its lowest level since 1933 while in Virginia the total landings, although less than in 1958, were considered about average. With reduced stocks from the New England and Middle Atlantic areas, the trade depended more heavily on the Chesapeake region. The demand for oysters from these waters far outstripped the supply and average prices were above those paid in 1958.

CHESAPEAKE FISHERIES

In Chincoteague Bay and in other areas of the lower Chesapeake Bay area, oyster mortality continued to increase and the reported loss was attributed, in part, to the fungus infection by Dermocystidium marina. However, there was some loss from unknown causes, and also a reported increase in the predation of oyster drills. A water plant, Myriophyllum spicatum (water milfoil), inadvertently introduced in Chesapeake waters created a serious nuisance in the brackish-water oyster-growing areas of Chesapeake Bay. Heavy strands of this water plant were believed to be the cause of smothering oysters and to have interfered with their growth and fattening. Preliminary plans were made for a survey to determine the extent of the plant infestation.

Studies of oyster diseases as well as control of oyster predators by Federal and state agencies continued. In 1959 a contract was awarded by the Bureau for a new Federal biological research laboratory at Oxford, Maryland to replace the facilities at Annapolis. A proceed-to-work order was issued in September and the first concrete was poured a few days later. The laboratory will have facilities for studying cultivation of oysters and clams in artificial ponds and tanks, with a view towards developing higher concentration of seed for transplanting. One of the current projects under study in 1959 was the oyster diseases which have struck the Delaware, Chincoteague, and Chesapeake Bays. Other work on problems of the control of injurious predators was being carried on.

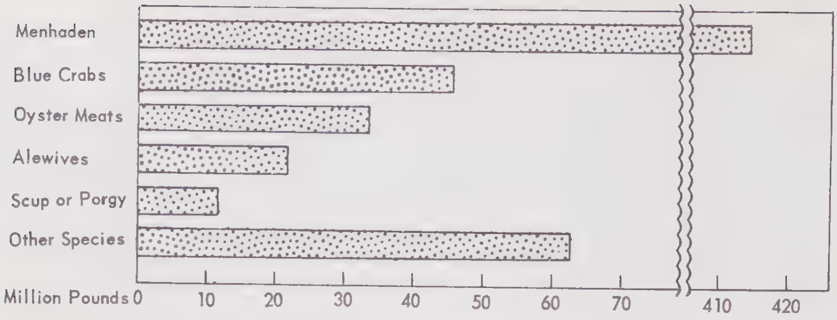
A promising method of controlling movements of predatory oyster drills was developed at the laboratory in Annapolis, Maryland. A low plastic screen fence with a strip of copper attached to it protects oyster beds since drills will not cross the copper. Extensive experimental planting of oyster shells in half-bushel wire bags was conducted in Virginia. It is believed that the expense of the enterprise would be more than compensated for by the greatly increased harvest of oysters. At the end of one year, when the wire bag had rusted out, the young oysters would be able to fare for themselves. Fishermen also experimented with the Japanese method of hanging strings of oyster shells in the water to provide a place for spat or baby oyster to set and grow.

The Bureau acknowledges and is grateful for the assistance of the following organizations in the collection of the data appearing in this section: Maryland Department of Research and Education, Maryland Department of Tidewater Fisheries, the Virginia Commission of Fisheries, and the Virginia Fisheries Laboratory.

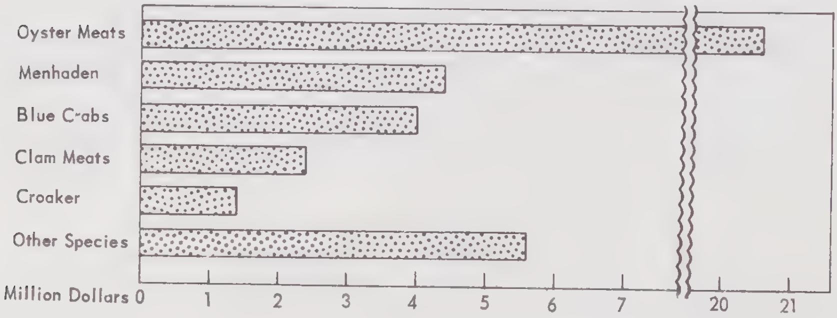
Condensed summary data of the operating units and catch by states of the fisheries of the Chesapeake area appearing on the following pages have been previously published in Current Fishery Statistics No. 2444. Data on the catch of fish and shellfish in the bay and ocean areas of Maryland and Virginia are shown at the end of this section. Additional data on the daily, monthly, and annual production of fishery products in more important areas of these states are available in reports published by the Bureau's Fishery Market News Service office at Hampton, Virginia.

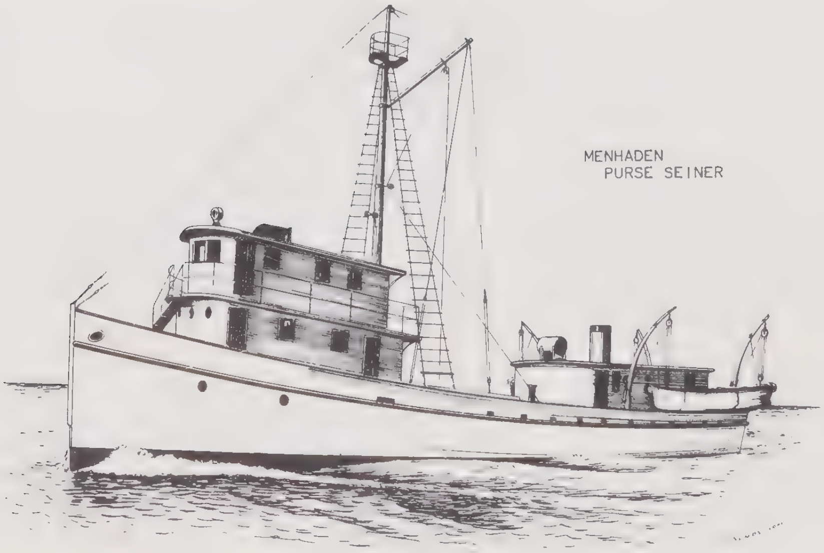
CHESAPEAKE FISHERIES

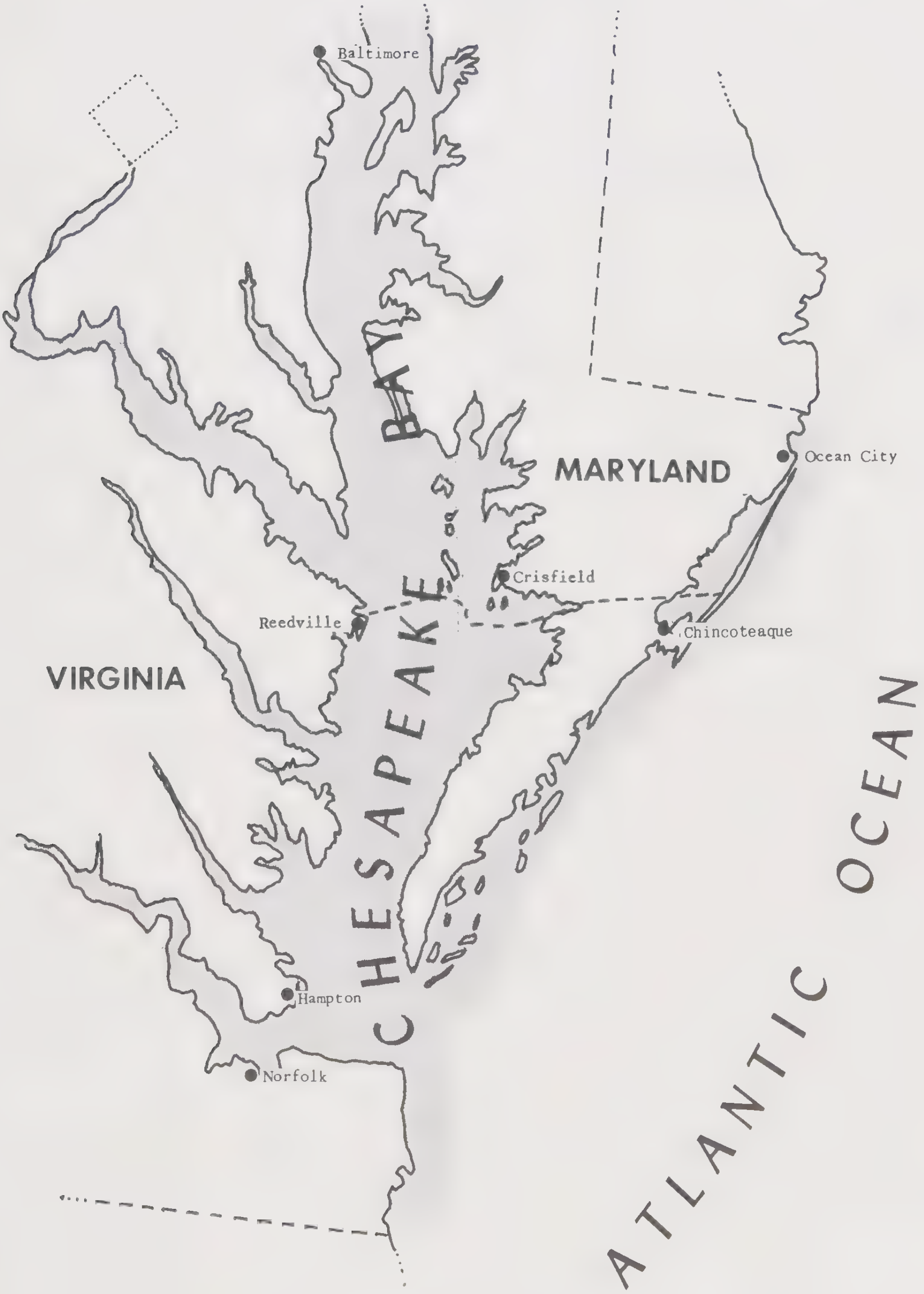
CHESAPEAKE STATES CATCH, 1959



VALUE OF CHESAPEAKE STATES CATCH, 1959




MENHADEN
PURSE SEINER


Baltimore
BAY
MARYLAND
Ocean City
Crisfield
Reedville
Chincoteaque
VIRGINIA
CHESAPEAKE
ATLANTIC OCEAN
Hampton
Norfolk

CHESAPEAKE STATES

CHESAPEAKE FISHERIES

SECTIONAL SUMMARIES

SUMMARY OF CATCH, 1959

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

STATE	FISH		SHELLFISH, ETC.		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
MARYLAND	22,189	1,749	40,861	10,946	63,050	12,695
VIRGINIA	480,070	9,449	46,236	16,301	526,306	25,750
TOTAL	502,259	11,198	87,097	27,247	589,356	38,445

SUMMARY OF OPERATING UNITS, 1959

ITEM	MARYLAND	VIRGINIA	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER
FISHERMEN:			
ON VESSELS	1,322	2,494	3,778
ON BOATS AND SHORE:			
REGULAR	4,137	5,051	9,188
CASUAL	3,860	3,133	6,993
TOTAL	9,319	10,678	19,959
VESSELS:			
MOTOR	421	723	1,129
NET TONNAGE	3,308	10,781	13,831
SAIL	73	-	73
NET TONNAGE	760	-	760
TOTAL VESSELS	494	723	1,202
TOTAL NET TONNAGE	4,068	10,781	14,591
BOATS:			
MOTOR	5,212	4,622	9,834
OTHER	518	786	1,304
ACCESSORY BOATS	43	95	138
GEAR:			
HAUL SEINES, COMMON	119	226	345
LENGTH, YARDS	50,500	129,460	179,960
STOP SEINES	-	2	2
LENGTH, YARDS	-	400	400
PURSE SEINES, MENHADEN	-	31	31
LENGTH, YARDS	-	11,750	11,750
OTTER TRAWLS, FISH	33	100	124
YARDS AT MOUTH	882	2,038	2,655
POUND NETS:			
CRAB	-	2,535	2,535
FISH	343	753	1,096
FYKE NETS, FISH	1,505	656	2,161
POTS AND TRAPS:			
CRAB	71,160	98,385	169,545
EEL	8,404	1,529	9,933
FISH	600	5,648	6,248
TURTLE	493	211	704
SLAT TRAPS	-	3	3
GILL NETS:			
ANCHOR	241	183	424
SQUARE YARDS	461,250	62,640	523,890
DRIFT	453	685	1,138
SQUARE YARDS	687,110	806,270	1,493,380
STAKE	1,563	1,245	2,808
SQUARE YARDS	1,272,963	834,000	2,106,963
LINES:			
HAND	751	506	1,257
HOOKS	766	509	1,275
LONG OR SET WITH HOOKS	11	58	69
HOOKS	8,800	9,450	18,250
TROT WITH BAITS	2,236	255	2,491
BAITS	942,000	156,400	1,098,400
DIP NETS, COMMON	284	262	546
SCRAPES	442	144	586
YARDS AT MOUTH	503	180	683
DREDGES:			
CLAM	217	49	266
YARDS AT MOUTH	218	40	258
CRAB	45	275	320
YARDS AT MOUTH	45	470	515
OYSTER, COMMON	217	686	903
YARDS AT MOUTH	243	787	1,030
SCALLOP	-	44	44
YARDS AT MOUTH	-	133	133
OTHER	1	-	1
YARDS AT MOUTH	1	-	1
TONGS:			
OYSTER	4,862	3,078	7,940
OTHER	126	873	999
RAKES:			
OYSTER	-	52	52
OTHER	6	1,137	1,143

CATCH BY STATES, 1959

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	MARYLAND		VIRGINIA		TOTAL	
FISH	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
ALEWIVES	4,484	90	17,447	244	21,931	334
BLUEFISH	30	6	183	24	213	30
BONITO	-	-	19	2	19	2
BULLHEADS	169	7	1,325	83	1,494	90
BUTTERFISH	51	4	1,439	116	1,490	120
CABIO	-	-	36	5	36	5
CARP	548	23	510	13	1,058	36
CATFISH	456	40	1,755	120	2,211	160
COD	383	13	100	5	483	18
CRAPPIE	1	(1)	-	-	1	(1)
CROAKER	838	173	7,655	1,215	8,493	1,388
DRUM:						
BLACK	10	1	247	13	257	14
RED OR REDFISH	(1)	(1)	33	2	33	2
EELS:						
COMMON	279	28	526	59	805	87
CONGER	-	-	1	(1)	1	(1)
FLOUNDERS:						
GRAY SOLE	1	(1)	-	-	1	(1)
BLACKBACK	3	(1)	-	-	3	(1)
FLUKE	1,334	179	3,255	518	4,589	697
UNCLASSIFIED	48	3	83	11	131	14
GIZZARD SHAD	13	(1)	318	4	331	4
HADDOCK	-	-	(1)	(1)	(1)	(1)
HAKE:						
RED	11	(1)	9	(1)	20	(1)
WHITE	1	(1)	20	1	21	1
HARVESTFISH	-	-	365	34	365	34
HERRING:						
SEA	2	(1)	(1)	(1)	2	(1)
THREAD	-	-	2,100	22	2,100	22
HICKORY SHAD	11	(1)	19	1	30	1
HOGCHOKER	17	(1)	-	-	17	(1)
KING MACKEREL	-	-	5	(1)	5	(1)
KING WHITING OR "KINGFISH"	2	(1)	38	3	40	3
MACKEREL	2	(1)	235	28	237	28
MENHADEN	2,203	33	412,302	4,373	414,505	4,406
MULLET	(1)	(1)	127	9	127	9
PIGFISH	-	-	1	(1)	1	(1)
PIKE OR PICKEREL	6	1	-	-	6	1
POLLOCK	-	-	2	(1)	2	(1)
POMPANO	-	-	3	1	3	1
RUDDERFISH	-	-	2	(1)	2	(1)
SAND PERCH	(1)	(1)	(1)	(1)	(1)	(1)
SCUP OR PORGY	278	14	11,526	817	11,804	831
SEA BASS	156	19	3,268	446	3,424	465
SEA TROUT OR WEAKFISH:						
GRAY	109	9	682	79	791	88
SPOTTED	-	-	140	29	140	29
SHAD	1,481	183	1,774	307	3,255	490
SHARKS:						
GRAYFISH	29	1	-	-	29	1
UNCLASSIFIED	13	(1)	1,488	70	1,501	70
SKATES	-	-	2	(1)	2	(1)
SPADEFISH	-	-	(1)	(1)	(1)	(1)
SPANISH MACKEREL	-	-	18	2	18	2
SPOT	85	7	3,755	340	3,840	347
STRIPED BASS	4,349	744	2,097	330	6,446	1,074
STURGEON	3	1	12	3	15	4
SUCKERS	1	(1)	11	1	12	1
SUNFISH	1	(1)	-	-	1	(1)
SWELLFISH	442	13	389	13	831	26
TAUTOG	4	(1)	7	(1)	11	(1)
TILEFISH	(1)	(1)	16	1	16	1
TUNA:						
BLUEFIN	2	(1)	-	-	2	(1)
LITTLE	-	-	2	(1)	2	(1)
WHITE PERCH	1,102	127	828	44	1,930	171
WHITING	96	2	344	10	440	12
YELLOW PERCH	65	9	5	1	70	10
UNCLASSIFIED:						
FOR FOOD	36	4	43	3	79	7
BAIT, REDUCTION, AND ANIMAL FOOD	3,034	15	3,503	47	6,537	62
TOTAL FISH	22,189	1,749	480,070	9,449	502,259	11,198
SHELLFISH, ETC.						
CRABS, BLUE:						
HARD	21,187	1,702	21,148	1,519	42,335	3,221
SOFT AND PEELER	1,973	395	1,241	368	3,214	763
TOTAL CRABS	23,160	2,097	22,389	1,887	45,549	3,984
LOBSTERS, NORTHERN	2	1	25	9	27	10

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

CHESAPEAKE FISHERIES

CATCH BY STATES, 1959 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	MARYLAND		VIRGINIA		TOTAL	
SHELLFISH, ETC. - CONTINUED	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
CLAMS:						
HARD:						
PUBLIC.	224	98	1,104	544	1,328	642
PRIVATE	19	8	586	288	605	296
SOFT, PUBLIC.	4,481	1,425	29	9	4,510	1,434
SURF.	850	70	-	-	850	70
TOTAL CLAMS	5,574	1,601	1,719	841	7,293	2,442
CONCHS.	77	4	35	2	112	6
OYSTERS, MARKET:						
PUBLIC:						
SPRING.	4,275	2,283	1,554	971	5,829	3,254
FALL.	5,755	3,610	2,411	1,509	8,166	5,119
PRIVATE:						
SPRING.	944	627	8,792	5,442	9,736	6,069
FALL.	992	713	8,599	5,452	9,591	6,165
TOTAL OYSTERS	11,966	7,233	21,356	13,374	33,322	20,607
SCALLOPS, SEA	-	-	436	166	436	166
SQUID	14	1	182	8	196	9
TERRAPIN, DIAMOND-BACK. . . .	5	2	9	3	14	5
TURTLES:						
LOGGERHEAD.	-	-	2	(1)	2	(1)
SNAPPER	63	7	83	11	146	18
TOTAL TURTLES	63	7	85	11	148	18
TOTAL SHELLFISH, ETC. .	40,861	10,946	46,236	16,301	87,097	27,247
GRAND TOTAL	63,050	12,695	526,306	25,750	589,356	38,445

1/ LESS THAN 500 POUNDS OR 500 DOLLARS.

CATCH OF CERTAIN SHELLFISH, 1959

(NUMBER AND BUSHELS)

SPECIES		MARYLAND		VIRGINIA		TOTAL	
		QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
CRABS, BLUE:							
HARD	NUMBER	52,967,750	$1,702,470	63,233,417	$1,518,518	116,201,167	$3,220,988
SOFT AND PEELER. .	DO	7,892,000	394,604	7,393,976	367,861	15,285,976	762,465
CLAMS:	U. S. STANDARD BUSHELS						
HARD:							
PUBLIC		28,025	98,044	138,038	543,860	166,063	641,904
PRIVATE.	DO	2,325	8,106	73,275	287,802	75,600	295,908
SOFT, PUBLIC . . .	DO	373,392	1,424,515	2,400	8,640	375,792	1,433,155
SURF	DO	49,982	70,024	-	-	49,982	70,024
CONCHS	DO	3,870	3,870	1,745	2,182	5,615	6,052
OYSTERS, MARKET:							
PUBLIC:							
SPRING	DO	899,958	2,283,188	362,168	970,693	1,262,126	3,253,881
FALL	DO	1,259,300	3,610,419	610,278	1,509,430	1,869,578	5,119,849
PRIVATE:							
SPRING	DO	185,925	627,012	2,103,301	5,441,750	2,289,226	6,068,762
FALL	DO	202,016	713,505	2,128,416	5,452,425	2,330,432	6,165,930
SCALLOPS, SEA. . . .	DO	-	-	72,700	165,854	72,700	165,854

NOTE:--THE CAPACITY OF A U. S. STANDARD BUSHEL IS 2,150.4 CUBIC INCHES.

AVERAGE WEIGHTS OF CERTAIN SHELLFISH, 1959

SPECIES		MARYLAND	VIRGINIA
		QUANTITY	QUANTITY
CRABS, BLUE:			
HARD	NUMBER PER POUND	2.50	2.99
SOFT AND PEELER.	DO	4.00	5.96
CLAMS:	POUNDS OF MEATS PER U. S. STANDARD BUSHEL		
HARD:			
PUBLIC		8.00	8.00
PRIVATE.	DO	8.00	8.00
SOFT, PUBLIC	DO	12.00	12.00
SURF	DO	17.00	-
CONCHS	DO	20.00	20.00
OYSTERS, MARKET:			
PUBLIC:			
SPRING	DO	4.75	4.29
FALL	DO	4.57	3.95
PRIVATE:			
SPRING	DO	5.08	4.18
FALL	DO	4.91	4.04
SCALLOPS, SEA.	DO	-	6.00

NOTE:--THE CAPACITY OF A U. S. STANDARD BUSHEL IS 2,150.4 CUBIC INCHES.

TRANSPORTING, WHOLESALING, AND MANUFACTURING, 1959

ITEM	MARYLAND	VIRGINIA	TOTAL
TRANSPORTING:	NUMBER	NUMBER	NUMBER
PERSONS ENGAGED:			
ON VESSELS	136	723	859
ON BOATS	-	16	16
VESSELS, MOTOR	75	383	458
NET TONNAGE	1,102	3,525	4,627
BOATS, MOTOR	-	8	8
WHOLESALING AND MANUFACTURING:			
ESTABLISHMENTS	270	382	652
PERSONS ENGAGED:			
AVERAGE FOR SEASON	6,849	6,866	13,715
AVERAGE FOR YEAR	4,632	2,582	7,214

NOTE:--ONLY CRAFT TRANSPORTING FISH OR SHELLFISH ARE INCLUDED AS TRANSPORTERS. BOATS AND VESSELS ENGAGED IN TRANSPORTING AND FISHING ARE INCLUDED ONLY AS FISHING CRAFT. OF THE TOTAL NUMBER OF PERSONS OPERATING AS TRANSPORTERS, 129 ENGAGED IN FISHING AND HAVE ALSO BEEN INCLUDED AS FISHERMEN.

MANUFACTURED FISHERY PRODUCTS, 1959

ITEM		MARYLAND		VIRGINIA	
		QUANTITY	VALUE	QUANTITY	VALUE
ALEWIVES:					
CANNED:					
FISH	STANDARD CASES	(1)	(1)	62,740	$288,036
ROE	DO	(1)	(1)	22,868	289,872
SALTED, WHOLE AND FILLETS:					
BRINED	POUNDS	-	-	1,631,600	98,206
PICKLED	DO	-	-	1,354,000	149,576
MENHADEN:					
MEAL	TONS	-	-	42,407	4,920,909
OIL	GALLONS	-	-	1,128,100	620,725
SOLUBLES	TONS	-	-	27,970	1,399,450
CRABS, BLUE:					
COOKED MEAT	POUNDS	4,377,580	$4,331,568	3,135,590	3,376,890
SPECIALTIES, FROZEN (CAKES AND DEVILED)	DO	525,879	390,339	467,387	462,660
MEAL	TONS	4,179	200,568	2,809	133,530
CLAMS, SOFT:					
SHUCKED	GALLONS	232,524	1,322,879	4,641	34,020
BREADED, FROZEN	POUNDS	240,803	243,543	-	-
OYSTERS:					
SHUCKED:					
FRESH	GALLONS	1,234,990	8,196,142	2,378,166	13,905,264
FROZEN	DO	16,754	120,269	333,710	2,134,696
BREADED, FROZEN	POUNDS	120,811	131,229	884,300	831,262
SHELL LIME AND POULTRY GRIT	TONS	(1)	(1)	10,789	185,848
SCALLOPS, BREADED, FROZEN	POUNDS	-	-	179,700	95,501
UNCLASSIFIED PRODUCTS:					
FROZEN FISH AND SHELLFISH	DO	2/10,048,691	2/3,647,963	3/1,573,441	3/1,683,312
CANNED FISH AND SHELLFISH	STANDARD CASES	4/ 296,502	4/3,060,072	5/ 64,017	5/ 321,400
CURED FISH	POUNDS	6/ 6,905,673	6/3,230,396	-	-
BYPRODUCTS	-	-	7/ 586,096	-	8/ 162,372
TOTAL	-	-	25,461,064	-	31,093,529

1/ INCLUDED WITH "UNCLASSIFIED PRODUCTS". 2/ INCLUDES FROZEN FISH STICKS AND PORTIONS, BREADED SHRIMP, AND STUFFED SHRIMP. 3/ INCLUDES FROZEN FLOUNDER FILLETS, BREADED POLLOCK FILLETS, FISH STICKS AND PORTIONS, RAW HEADLESS SHRIMP, DEVEINED SHRIMP, BREADED SHRIMP, STEAMED OYSTERS, AND SHELLFISH DINNERS. 4/ INCLUDES CANNED ALEWIVES AND ROE, ANCHOVY PASTE, SHAD ROE, TUNA, TUNA A LA KING, ANIMAL FOOD, SOFT-SHELL CRABS, CRAB BISQUE AND SOUP, LOBSTER SOUP, SHRIMP BISQUE AND SOUP, MINCED CLAMS, CLAM BISQUE, AND OYSTER BISQUE. 5/ INCLUDES CANNED MACKEREL, SHAD, FISH CAKES, AND ANIMAL FOOD. 6/ INCLUDES SALTED AND PICKLED SEA HERRING, SMOKED BUTTERFISH, CHUB, EEL, SABLEFISH, SALMON, STURGEON, AND WHITEFISH. 7/ INCLUDES ALEWIFE OIL, OYSTER-SHELL LIME AND POULTRY GRIT, MARINE PEARL-SHELL BUTTONS, AND FISH MEAL. 8/ INCLUDES ALEWIFE MEAL, OIL, AND SOLUBLES; AND FISH MEAL OF UNCLASSIFIED SPECIES.

NOTE:--SOME OF THE ABOVE PRODUCTS MAY HAVE BEEN MANUFACTURED FROM RAW PRODUCTS IMPORTED FROM ANOTHER STATE OR A FOREIGN COUNTRY; THEREFORE, THEY CANNOT BE CORRELATED DIRECTLY WITH THE CATCH WITHIN THE STATE.

SUMMARY OF PRODUCTION, BY COMMODITIES, 1959

SUMMARY OF ITEMS		QUANTITY	VALUE
FRESH AND FROZEN:			
NOT BREADED:			
FISH	POUNDS	372,512	$119,516
SHELLFISH	DO	44,919,207	34,646,468
BREADED:			
FISH	DO	9,813,142	3,385,332
SHELLFISH	DO	2,021,924	1,791,222
SPECIALTIES OF FISH AND SHELLFISH	DO	1,184,266	964,999
CANNED FISH AND SHELLFISH	STANDARD CASES	446,127	3,959,380
CURED FISH (SALTED AND SMOKED)	POUNDS	9,891,278	3,478,178
BYPRODUCTS (FISH AND SHELLFISH)	-	-	8,209,498
TOTAL	-	-	56,554,593

CHESAPEAKE FISHERIES

MARYLAND

OPERATING UNITS BY GEAR, 1959

ITEM	HAUL SEINES, COMMON	OTTER TRAWLS, FISH	POUND NETS, FISH	FYKE NETS, FISH	POTS AND TRAPS		
					CRAB	EEL	FISH
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS.	120	70	84	14	180	-	2
ON BOATS AND SHORE:							
REGULAR	330	11	383	85	476	175	-
CASUAL.	146	-	32	47	167	95	-
TOTAL	596	81	499	146	823	270	2
VESSELS, MOTOR.	24	28	20	7	113	-	1
NET TONNAGE	185	481	145	52	772	-	11
BOATS:							
MOTOR	95	5	95	69	532	186	-
OTHER	95	-	95	-	-	2	-
ACCESSORY BOATS	29	-	21	-	-	-	-
GEAR:							
NUMBER.	119	33	343	1,505	71,160	8,404	600
LENGTH, YARDS	50,500	-	-	-	-	-	-
YARDS AT MOUTH.	-	882	-	-	-	-	-

ITEM	POTS AND TRAPS-CONT'D.	GILL NETS			LINES		
	TURTLE	ANCHOR	DRIFT	STAKE	HAND	LONG OR SET WITH HOOKS	TROT WITH BAITS
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS.	-	83	110	165	6	-	79
ON BOATS AND SHORE:							
REGULAR	36	256	333	764	20	11	1,345
CASUAL.	7	101	363	644	10	-	812
TOTAL	43	440	806	1,573	36	11	2,236
VESSELS, MOTOR.	-	40	54	81	3	-	77
NET TONNAGE	-	305	436	634	31	-	530
BOATS:							
MOTOR	37	180	370	715	17	6	2,142
OTHER	-	6	-	172	-	-	6
GEAR:							
NUMBER.	493	241	453	1,563	751	11	2,236
SQUARE YARDS.	-	461,250	687,110	1,272,963	-	-	-
HOOKS	-	-	-	-	766	8,800	-
BAITS	-	-	-	-	-	-	942,000

ITEM	DIP NETS, COMMON	SCRAPES	DREDGES			
			CLAM	CRAB	OYSTER, COMMON	OTHER
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS.	-	-	167	3	457	-
ON BOATS AND SHORE:						
REGULAR	143	200	270	46	43	3
CASUAL.	141	21	-	-	25	-
TOTAL	284	221	437	49	525	3
VESSELS:						
MOTOR	-	-	82	2	12	-
NET TONNAGE	-	-	604	19	139	-
SAIL.	-	-	-	-	73	-
NET TONNAGE	-	-	-	-	760	-
TOTAL VESSELS	-	-	82	2	85	-
TOTAL NET TONNAGE . .	-	-	604	19	899	-
BOATS:						
MOTOR	200	221	135	26	32	1
OTHER	72	-	-	-	-	-
GEAR:						
NUMBER.	284	442	217	45	217	1
YARDS AT MOUTH.	-	503	218	45	243	1

(CONTINUED ON NEXT PAGE)

MARYLAND - OPERATING UNITS BY GEAR, 1959 - Continued

ITEM	TONGS		RAKES, OTHER THAN FOR OYSTERS	BY HAND	TOTAL, EXCLUSIVE OF DUPLICATION
	OYSTER	OTHER			
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS	403	1	-	-	1,322
ON BOATS AND SHORE:					
REGULAR	3,053	74	6	22	4,137
CASUAL	1,416	51	-	60	3,860
TOTAL	4,872	126	6	82	9,319
VESSELS:					
MOTOR	240	1	-	-	421
NET TONNAGE	1,616	6	-	-	3,308
SAIL	-	-	-	-	73
NET TONNAGE	-	-	-	-	760
TOTAL VESSELS	240	1	-	-	494
TOTAL NET TONNAGE	1,616	6	-	-	4,068
BOATS:					
MOTOR	3,001	117	6	-	5,212
OTHER	92	-	-	-	518
ACCESSORY BOATS	-	-	-	-	43
GEAR, NUMBER	4,862	126	6	-	-

MARYLAND - CATCH BY GEAR, 1959

SPECIES	HAUL SEINES		OTTER TRAWLS		POUND NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	12,700	$254	-	-	4,148,600	$82,972
BLUEFISH	700	114	1,700	$69	3,500	570
BUTTERFISH	100	7	38,100	2,576	13,100	943
CARP	489,400	20,555	-	-	24,000	1,008
CATFISH	109,200	9,282	-	-	115,800	9,843
COD	-	-	383,300	13,008	-	-
CRAPPIE	-	-	-	-	300	30
CROAKER	741,400	152,728	1,200	226	88,900	18,313
DRUM:						
BLACK	-	-	6,200	370	3,900	207
RED	-	-	-	-	200	20
EELS, COMMON	1,600	60	100	3	10,500	1,050
FLOUNDERS:						
GRAY SOLE	-	-	1,300	55	-	-
BLACKBACK	-	-	2,800	179	-	-
FLUKE	-	-	1,333,800	179,093	-	-
UNCLASSIFIED	500	50	22,000	632	24,500	2,450
GIZZARD SHAD	-	-	-	-	600	12
HAKE:						
RED	-	-	7,200	192	-	-
WHITE	-	-	900	26	-	-
HERRING, SEA	-	-	1,500	34	-	-
HICKORY SHAD	100	2	-	-	-	-
HOGCHOKER	-	-	-	-	17,400	348
KING WHITING OR "KINGFISH"	-	-	1,500	120	-	-
MACKEREL	-	-	1,800	273	200	48
MENHADEN	14,700	220	-	-	2,170,000	32,550
PIKE OR PICKEREL	300	57	-	-	900	171
SAND PERCH	-	-	100	4	-	-
SCUP OR PORGY	-	-	278,100	14,021	-	-
SEA BASS	-	-	79,500	8,687	-	-
SEA TROUT OR WEAKFISH, GRAY	300	30	97,900	7,395	10,600	1,060
SHAD	1,200	138	-	-	230,200	26,473
SHARKS:						
GRAYFISH	-	-	29,200	1,048	-	-
UNCLASSIFIED	-	-	12,700	381	-	-
SPOT	61,100	5,560	18,500	602	5,100	464
STRIPED BASS	801,100	136,187	-	-	299,700	50,949
STURGEON	-	-	2,900	713	-	-
SWELLFISH	-	-	21,400	728	-	-
TAUTOG	-	-	800	22	-	-
TILEFISH	-	-	100	3	-	-
WHITE PERCH	256,600	29,509	-	-	94,400	10,856
WHITING	-	-	95,700	2,076	-	-
YELLOW PERCH	4,700	658	-	-	4,900	686
UNCLASSIFIED:						
FOOD	13,900	1,362	500	47	12,400	1,205
BAIT, REDUCTION, AND ANIMAL FOOD	-	-	3,033,700	15,303	-	-
LOBSTERS, NORTHERN	-	-	1,200	242	-	-
CONCHS	-	-	77,400	3,870	-	-
SQUID	-	-	13,700	800	-	-
TERRAPIN, DIAMOND-BACK	1,100	450	-	-	500	225
TOTAL	2,510,700	357,223	5,566,800	252,798	7,280,200	242,453

(CONTINUED ON NEXT PAGE)

MARYLAND - CATCH BY GEAR, 1959 - Continued

SPECIES	FYKE NETS		POTS AND TRAPS		GILL NETS	
					ANCHOR	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	16,200	$324	-	-	36,100	$722
BLUEFISH	-	-	-	-	500	84
BULLHEADS	168,800	6,750	-	-	-	-
CARP	10,000	420	-	-	6,100	256
CATFISH	133,500	12,300	-	-	16,000	1,360
CRAPPIE	700	70	-	-	-	-
CROAKER	100	20	-	-	400	82
EELS, COMMON	1,400	140	246,900	$24,261	600	60
FLOUNDERS, UNCLASSIFIED	200	20	-	-	600	60
GIZZARD SHAD	1,100	22	-	-	2,400	48
HAKE, RED	-	-	3,700	78	-	-
HICKORY SHAD	-	-	-	-	900	18
MENHADEN	10,100	152	-	-	1,500	22
MULLET	100	3	-	-	-	-
PIKE OR PICKEREL	1,100	209	-	-	1,800	342
SEA BASS	-	-	77,000	10,175	-	-
SEA TROUT OR WEAKFISH, GRAY	-	-	-	-	300	28
SHAD	500	58	-	-	192,000	22,145
SPOT	100	9	-	-	100	9
STRIPED BASS	4,800	816	-	-	393,700	67,013
SUCKERS	600	12	-	-	300	6
SUNFISH	-	-	-	-	100	6
SWELLFISH	-	-	420,200	12,606	-	-
TAUTOG	-	-	3,200	68	-	-
WHITE PERCH	62,300	7,165	-	-	93,000	10,683
YELLOW PERCH	25,700	3,598	-	-	2,600	367
UNCLASSIFIED, FOR FOOD	-	-	200	5	300	32
CRABS, BLUE:						
HARD	-	-	11,887,400	955,032	-	-
SOFT AND PEELER	-	-	232,000	46,388	-	-
LOBSTERS, NORTHERN	-	-	1,200	430	-	-
TURTLES, SNAPPER	-	-	57,000	6,468	-	-
TOTAL	437,300	32,088	12,928,800	1,055,511	749,300	103,343

SPECIES	GILL NETS - CONTINUED				LINES	
	DRIFT		STAKE		HAND	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	32,700	$654	237,200	$4,945	-	-
BLUEFISH	-	-	1,100	208	22,200	$5,148
CARP	4,000	168	14,700	617	-	-
CATFISH	15,300	1,300	42,900	3,646	-	-
CROAKER	300	62	6,000	1,236	-	-
EELS, COMMON	600	60	17,200	1,720	-	-
FLOUNDERS, UNCLASSIFIED	-	-	300	30	-	-
GIZZARD SHAD	-	-	9,100	182	-	-
HICKORY SHAD	900	18	9,400	188	-	-
MENHADEN	-	-	7,000	105	-	-
PIKE OR PICKEREL	100	19	1,600	304	-	-
SEA TROUT OR WEAKFISH, GRAY	-	-	100	10	200	21
SHAD	373,400	46,750	683,500	87,287	-	-
SHARKS, OTHER	-	-	-	-	100	5
SPOT	-	-	100	4	-	-
STRIPED BASS	903,600	154,842	1,940,500	333,236	5,600	1,115
SUCKERS	-	-	100	10	-	-
SUNFISH	-	-	600	36	-	-
TUNA, BLUEFIN	-	-	-	-	2,400	304
WHITE PERCH	169,600	19,499	426,500	48,642	-	-
YELLOW PERCH	1,000	140	26,000	3,644	-	-
UNCLASSIFIED, FOR FOOD	-	-	8,200	804	100	11
TURTLES, SNAPPER	-	-	-	-	4,900	588
TOTAL	1,501,500	223,512	3,432,100	486,854	35,500	7,192

(CONTINUED ON NEXT PAGE)

MARYLAND - CATCH BY GEAR, 1959 - Continued

SPECIES	LINES - CONTINUED				DIP NETS	
	LONG OR SET WITH HOOKS		TROT WITH BAITS			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CATFISH	22,800	$2,280	-	-	-	-
CRABS, BLUE:						
HARD.	-	-	9,062,900	$728,447	18,500	$1,528
SOFT AND PEELER	-	-	79,800	16,003	37,900	7,560
TURTLES, SNAPPER.	-	-	-	-	1,300	133
TOTAL	22,800	2,280	9,142,700	744,450	57,700	9,221

SPECIES	SCRAPES		DREDGES		TONGS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CRABS, BLUE:						
HARD.	160,600	$12,845	57,700	$4,618	-	-
SOFT AND PEELER	1,623,300	324,653	-	-	-	-
CLAMS:						
HARD:						
PUBLIC.	-	-	85,900	37,536	35,600	$15,582
PRIVATE	-	-	-	-	15,400	6,706
SOFT, PUBLIC.	-	-	4,480,700	1,424,515	-	-
SURF.	-	-	849,700	70,024	-	-
OYSTERS, MARKET:						
PUBLIC:						
SPRING.	-	-	714,000	409,267	3,560,800	1,873,921
FALL.	-	-	1,073,600	708,120	4,681,400	2,902,299
PRIVATE:						
SPRING.	-	-	612,700	446,137	331,800	180,875
FALL.	-	-	609,700	473,615	382,200	239,890
TERRAPIN, DIAMOND-BACK. . . .	-	-	2,000	850	1,500	702
TOTAL	1,783,900	337,498	8,486,000	3,574,682	9,008,700	5,219,975

SPECIES	RAKES		BY HAND	
	POUNDS	VALUE	POUNDS	VALUE
CLAMS, HARD:				
PUBLIC.	6,700	$2,926	96,000	$42,000
PRIVATE	3,200	1,400	-	-
TOTAL	9,900	4,326	96,000	42,000

CHESAPEAKE FISHERIES

VIRGINIA

OPERATING UNITS BY GEAR, 1959

ITEM	HAUL SEINES, COMMON	STOP NETS	PURSE SEINES, MENHADEN	OTTER TRAWLS, FISH	POUND NETS	
					FISH	CRAB
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS	32	-	553	356	12	2
ON BOATS AND SHORE:						
REGULAR	484	4	-	8	785	329
CASUAL	286	-	-	4	414	116
TOTAL	802	4	553	368	1,211	447
VESSELS, MOTOR	11	-	31	94	5	1
NET TONNAGE	68	-	2,114	3,115	34	8
BOATS:						
MOTOR	213	2	-	6	328	362
OTHER	151	-	-	-	268	24
ACCESSORY BOATS	-	-	91	-	-	-
GEAR:						
NUMBER	226	2	31	100	753	2,535
LENGTH, YARDS	129,460	400	11,750	-	-	-
YARDS AT MOUTH	-	-	-	2,038	-	-

ITEM	FYKE NETS, FISH	POTS				SLAT TRAPS
		CRAB	EEL	FISH	TURTLE	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS	6	166	8	3	-	-
ON BOATS AND SHORE:						
REGULAR	120	740	45	98	14	-
CASUAL	57	207	22	66	13	3
TOTAL	185	1,113	75	167	27	3
VESSELS, MOTOR	3	106	3	1	-	-
NET TONNAGE	20	649	20	7	-	-
BOATS:						
MOTOR	112	925	56	111	9	-
OTHER	18	-	-	10	9	3
GEAR, NUMBER	656	98,385	1,529	5,648	211	3

ITEM	GILL NETS			LINES		
	ANCHOR	DRIFT	STAKE	HAND	LONG OR SET WITH HOOKS	TROT WITH BAITS
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS	-	73	2	26	-	-
ON BOATS AND SHORE:						
REGULAR	222	518	499	24	40	211
CASUAL	134	548	418	88	18	72
TOTAL	356	1,139	919	138	58	283
VESSELS, MOTOR	-	32	1	12	-	-
NET TONNAGE	-	253	5	94	-	-
BOATS:						
MOTOR	183	594	623	55	53	257
OTHER	-	22	17	16	3	-
GEAR:						
NUMBER	183	685	1,245	506	58	255
SQUARE YARDS	62,640	806,270	834,000	-	-	-
HOOKS OR BAITS	-	-	-	509	9,450	156,400

(CONTINUED ON NEXT PAGE)

VIRGINIA - OPERATING UNITS BY GEAR, 1959 - Continued

ITEM	DIP NETS, COMMON	SCRAPES	DREDGES			
			CLAM	CRAB	OYSTER, COMMON	SCALLOP
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS.	-	4	5	310	580	156
ON BOATS AND SHORE:						
REGULAR	153	68	58	39	403	-
CASUAL.	109	33	16	32	128	-
TOTAL	262	105	79	381	1,111	156
VESSELS, MOTOR.	-	2	2	109	185	22
NET TONNAGE	-	11	12	891	1,899	1,079
BOATS:						
MOTOR	235	80	47	40	275	-
OTHER	22	-	-	-	14	-
ACCESSORY BOATS	-	-	-	-	4	-
GEAR:						
NUMBER.	262	144	49	275	686	44
YARDS AT MOUTH.	-	180	40	470	787	133

ITEM	TONGS		RAKES		BY HAND		TOTAL, EXCLUSIVE OF DUPLICATION
	OYSTER	OTHER	OYSTER	OTHER	OYSTER	OTHER	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS.	386	44	-	10	2	-	2,494
ON BOATS AND SHORE:							
REGULAR	2,058	547	39	725	380	641	5,051
CASUAL.	634	282	13	402	65	190	3,133
TOTAL	3,078	873	52	1,137	447	831	10,678
VESSELS, MOTOR.	187	20	-	3	1	-	723
NET TONNAGE	1,218	132	-	19	5	-	10,781
BOATS:							
MOTOR	1,921	532	28	668	194	338	4,622
OTHER	33	91	10	142	58	107	786
ACCESSORY BOATS	-	-	-	-	-	-	95
GEAR, NUMBER.	3,078	873	52	1,137	-	-	-

VIRGINIA - CATCH BY GEAR, 1959

ITEM	HAUL SEINES		STOP SEINES		PURSE SEINES		OTTER TRAWLS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES.	176,200	$2,352	-	-	-	-	-	-
BLUEFISH.	55,300	8,058	-	-	-	-	64,900	$7,606
BONITO.	4,700	609	-	-	-	-	-	-
BULLHEADS	100,300	6,039	-	-	-	-	-	-
BUTTERFISH.	101,100	8,792	-	-	-	-	956,100	75,450
CABIO	1,300	195	-	-	-	-	-	-
CARP.	398,100	9,887	21,000	$630	-	-	-	-
CATFISH	159,000	10,580	-	-	-	-	-	-
COD	-	-	-	-	-	-	72,000	2,401
CROAKER	3,645,100	566,435	-	-	-	-	746,900	124,455
DRUM:								
BLACK	69,500	3,442	-	-	-	-	4,900	147
RED OR REDFISH.	14,200	1,054	-	-	-	-	1,500	120
EELS:								
COMMON.	54,300	5,134	-	-	-	-	200	20
CONGER.	-	-	-	-	-	-	900	15
FLOUNDERS:								
FLUKE	122,300	19,175	-	-	-	-	2,745,700	437,001
UNCLASSIFIED.	23,000	2,796	-	-	-	-	26,000	3,470
GIZZARD SHAD.	136,900	1,679	-	-	-	-	-	-
HADDOCK	-	-	-	-	-	-	100	6
HAKE:								
RED	-	-	-	-	-	-	9,000	274
WHITE	-	-	-	-	-	-	19,400	759
HARVESTFISH	82,100	7,520	-	-	-	-	41,000	4,100
HERRING:								
SEA	-	-	-	-	-	-	100	1
THREAD.	-	-	-	-	2,100,000	$21,650	-	-
HICKORY SHAD.	300	18	-	-	-	-	-	-
KING MACKEREL	900	72	-	-	-	-	-	-
KING WHITING OR "KINGFISH".	11,800	863	-	-	-	-	14,600	918

(CONTINUED ON NEXT PAGE)

VIRGINIA - CATCH BY GEAR, 1959 - Continued

SPECIES	HAUL SEINES		STOP SEINES		PURSE SEINES		OTTER TRAWLS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
MACKEREL	-	-	-	-	-	-	6,000	$712
MENHADEN	3,908,000	$58,569	-	-	387,099,800	$3,987,340	-	-
MULLET	33,100	2,287	-	-	-	-	-	-
PIGFISH	200	12	-	-	-	-	-	-
POLLOCK	-	-	-	-	-	-	2,100	126
POMPANO	1,800	287	-	-	-	-	-	-
SAND PERCH	-	-	-	-	-	-	300	15
SCUP OR PORGY	400	28	-	-	-	-	11,517,800	816,267
SEA BASS	1,200	96	-	-	-	-	3,065,100	419,997
SEA TROUT OR WEAKFISH:								
GRAY	153,600	17,358	-	-	-	-	127,400	15,593
SPOTTED	50,600	9,880	-	-	-	-	-	-
SHAD	11,300	2,010	-	-	-	-	-	-
SHARKS, UNCLASSIFIED	21,300	639	-	-	-	-	48,000	1,559
SKATES	-	-	-	-	-	-	1,700	36
SPANISH MACKEREL	2,400	321	-	-	-	-	-	-
SPOT	2,033,300	185,222	-	-	-	-	8,600	771
STRIPED BASS	380,700	62,235	-	-	-	-	-	-
STURGEON	1,500	386	-	-	-	-	3,700	932
SUCKERS	2,500	147	-	-	-	-	-	-
SWELLFISH	101,400	3,469	-	-	-	-	39,000	1,070
TAUTOG	2,300	110	-	-	-	-	500	20
TILEFISH	-	-	-	-	-	-	15,600	1,248
TUNA, LITTLE	700	35	-	-	-	-	-	-
WHITE PERCH	312,500	17,400	-	-	-	-	8,300	249
WHITING	-	-	-	-	-	-	342,600	10,053
YELLOW PERCH	1,600	160	-	-	-	-	-	-
UNCLASSIFIED:								
FOR FOOD	-	-	-	-	-	-	12,100	749
BAIT, REDUCTION, AND ANIMAL FOOD	877,500	13,500	-	-	-	-	2,426,200	31,311
LOBSTERS, NORTHERN	-	-	-	-	-	-	18,500	7,100
CONCHS	-	-	-	-	-	-	7,400	296
SQUID	-	-	-	-	-	-	179,100	7,755
TERRAPIN, DIAMOND BACK	2,700	1,350	-	-	-	-	-	-
TURTLES:								
LOGGERHEAD	400	4	-	-	-	-	-	-
SNAPPER	5,900	826	-	-	-	-	-	-
TOTAL	13,063,300	1,031,031	21,000	$630	389,199,800	4,008,990	22,533,300	1,972,602

SPECIES	POUND NETS		FYKE NETS		POTS AND TRAPS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	16,371,000	$228,661	733,800	$10,413	18,900	$189
BLUEFISH	57,000	7,473	-	-	700	125
BONITO	13,300	1,544	-	-	-	-
BULLHEADS	47,500	2,814	549,600	34,848	595,600	37,579
BUTTERFISH	381,700	31,255	-	-	-	-
CABIO	5,300	780	-	-	-	-
CARP	17,000	356	67,100	1,684	-	-
CATFISH	44,300	3,077	607,100	42,399	740,500	49,755
CROAKER	2,852,700	460,100	4,700	650	-	-
DRUM:						
BLACK	160,400	8,136	-	-	-	-
RED OR REDFISH	12,000	956	-	-	-	-
EELS, COMMON	127,400	18,765	88,600	9,058	251,700	25,506
FLOUNDERS:						
FLUKE	357,600	57,535	900	135	-	-
UNCLASSIFIED	33,000	4,210	-	-	-	-
GIZZARD SHAD	76,800	810	87,000	1,124	-	-
HARVESTFISH	242,000	22,631	-	-	-	-
HICKORY SHAD	5,500	242	1,500	68	200	10
KING MACKEREL	3,600	350	-	-	-	-
KING WHITING OR "KINGFISH"	10,800	754	-	-	-	-
MACKEREL	7,900	922	-	-	-	-
MENHADEN	21,027,300	323,460	256,900	3,838	-	-
MULLET	17,900	1,088	3,600	247	-	-
PIGFISH	700	48	-	-	-	-
POMPANO	1,400	244	-	-	-	-
RUDDERFISH	2,200	88	-	-	-	-
SAND PERCH	-	-	100	5	-	-
SCUP OR PORGY	7,600	494	-	-	-	-
SEA BASS	10,400	1,287	-	-	186,100	23,737

(CONTINUED ON NEXT PAGE)

VIRGINIA - CATCH BY GEAR, 1959 - Continued

SPECIES	POUND NETS		FYKE NETS		POTS AND TRAPS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
SEA TROUT OR WEAKFISH:						
GRAY	365,100	$42,220	800	$94	-	-
SPOTTED	52,100	10,075	-	-	-	-
SHAD	560,900	97,999	55,700	9,764	-	-
SHARKS, UNCLASSIFIED	29,500	885	-	-	-	-
SPADEFISH	400	18	-	-	-	-
SPANISH MACKEREL	15,700	2,187	-	-	-	-
SPOT	1,278,900	115,576	24,200	2,144	-	-
STRIPED BASS	524,200	78,305	226,000	41,091	-	-
STURGEON	7,000	1,958	-	-	-	-
SUCKERS	2,900	172	5,200	312	-	-
SWELLFISH	218,900	7,228	900	27	28,900	$1,096
TAUTOG	3,600	152	-	-	-	-
TUNA, LITTLE	1,700	78	-	-	-	-
WHITE PERCH	166,900	8,182	274,900	14,717	-	-
YELLOW PERCH	700	70	2,900	290	-	-
UNCLASSIFIED:						
FOR FOOD	9,700	674	2,000	205	-	-
BAIT, REDUCTION, AND ANIMAL FOOD	198,100	2,351	-	-	-	-
CRABS, BLUE:						
HARD	141,900	9,949	-	-	14,653,100	1,040,258
SOFT AND PEELER	701,200	198,435	-	-	284,900	85,265
LOBSTERS, NORTHERN	-	-	-	-	6,000	1,500
SQUID	3,400	472	-	-	-	-
TERRAPIN, DIAMOND-BACK	-	-	6,400	1,550	-	-
TURTLES:						
LOGGERHEAD	1,800	18	-	-	-	-
SNAPPER	-	-	4,400	616	32,200	4,278
TOTAL	46,178,900	1,755,084	3,004,300	175,279	16,798,800	1,269,298

SPECIES	GILL NETS					
	ANCHOR		DRIFT		STAKE	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	-	-	97,400	$1,400	49,700	$612
BLUEFISH	3,000	$330	-	-	900	175
BULLHEADS	-	-	-	-	3,200	190
BUTTERFISH	-	-	300	25	-	-
CARP	-	-	200	4	6,700	143
CATFISH	-	-	-	-	10,900	716
CROAKER	197,100	31,050	208,400	32,580	-	-
DRUM, RED OR REDFISH	-	-	4,600	285	-	-
GIZZARD SHAD	-	-	400	6	16,700	229
HICKORY SHAD	-	-	3,600	170	8,000	349
KING WHITING OR "KINGFISH"	-	-	600	60	100	18
MACKEREL	-	-	220,100	26,298	-	-
MENHADEN	-	-	-	-	10,100	150
MULLET	2,600	182	50,600	3,700	18,900	1,317
SEA BASS	-	-	300	45	-	-
SEA TROUT OR WEAKFISH:						
GRAY	2,800	321	29,600	3,005	2,100	226
SPOTTED	-	-	36,200	9,000	-	-
SHAD	-	-	429,600	72,665	716,500	124,250
SHARKS, UNCLASSIFIED	-	-	1,389,200	66,432	-	-
SPOT	164,700	14,454	150,200	13,568	94,600	8,579
STRIPED BASS	-	-	8,700	1,531	950,700	145,950
SUCKERS	-	-	-	-	800	48
TAUTOG	-	-	1,000	80	-	-
WHITE PERCH	-	-	600	30	64,300	3,594
WHITING	-	-	1,200	14	-	-
UNCLASSIFIED, FOR FOOD	500	50	17,700	1,561	-	-
TOTAL	370,700	46,387	2,650,500	232,459	1,954,200	286,546

(CONTINUED ON NEXT PAGE)

VIRGINIA - CATCH BY GEAR, 1959 - Continued

SPECIES	LINES					
	HAND		LONG OR SET WITH HOOKS		TROT WITH BAITS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUEFISH	600	$150	-	-	-	-
BONITO	600	67	-	-	-	-
BULLHEADS	-	-	28,500	$1,705	-	-
CABIO	29,100	4,500	-	-	-	-
CATFISH	-	-	193,200	13,413	-	-
COD	-	-	28,300	2,727	-	-
CROAKER	500	100	-	-	-	-
DRUM:						
BLACK	12,500	1,020	-	-	-	-
RED OR REDFISH	1,000	65	-	-	-	-
EELS, COMMON	-	-	3,800	328	-	-
FLOUNDERS:						
FLUKE	2,600	395	-	-	-	-
UNCLASSIFIED	600	48	-	-	-	-
MACKEREL	900	63	-	-	-	-
SCUP OR PORGY	300	45	-	-	-	-
SEA BASS	4,500	1,026	-	-	-	-
SEA TROUT OR WEAKFISH, SPOTTED	1,100	252	-	-	-	-
SHARKS, UNCLASSIFIED	200	9	-	-	-	-
STRIPED BASS	-	-	6,800	1,170	-	-
WHITING	200	7	-	-	-	-
UNCLASSIFIED:						
FOR FOOD	1,000	60	-	-	-	-
BAIT, REDUCTION, AND ANIMAL FOOD	1,500	28	-	-	-	-
CRABS, BLUE:						
HARD	-	-	-	-	1,700,300	$119,477
SOFT AND PEELER	-	-	-	-	20,000	6,152
TURTLES, SNAPPER	39,300	5,465	1,100	154	-	-
TOTAL	96,500	13,300	261,700	19,497	1,720,300	125,629

SPECIES	DIP NETS		SCRAPES		DREDGES	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FLOUNDERS, FLUKE	-	-	-	-	26,000	$4,000
CRABS, BLUE:						
HARD	8,800	$614	-	-	4,644,200	348,220
SOFT AND PEELER	36,800	17,890	173,700	$52,519	-	-
LOBSTERS, NORTHERN	-	-	-	-	900	360
CLAMS:						
HARD:						
PUBLIC	-	-	-	-	145,000	72,450
PRIVATE	-	-	-	-	106,700	53,170
SOFT, PUBLIC	-	-	-	-	28,800	8,640
CONCHS	-	-	-	-	27,500	1,886
OYSTERS, MARKET, PRIVATE:						
SPRING	-	-	-	-	8,018,000	4,957,760
FALL	-	-	-	-	8,101,200	5,141,035
SCALLOPS, SEA	-	-	-	-	436,200	165,854
TOTAL	45,600	18,504	173,700	52,519	21,534,500	10,753,375

SPECIES	TONGS		RAKES		BY HAND	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CRABS, BLUE, SOFT AND PEELER	-	-	-	-	24,000	$7,600
CLAMS, HARD:						
PUBLIC	551,600	$269,995	195,500	$95,315	212,200	106,100
PRIVATE	219,800	107,033	117,900	56,699	141,800	70,900
OYSTERS, MARKET:						
PUBLIC:						
SPRING	1,503,700	939,692	8,000	5,001	42,000	26,000
FALL	2,352,700	1,471,795	12,300	7,995	45,600	29,640
PRIVATE:						
SPRING	766,600	479,490	1,200	750	6,000	3,750
FALL	489,200	305,930	1,200	780	7,200	4,680
TERRAPIN, DIAMOND-BACK	-	-	-	-	100	50
TOTAL	5,883,600	3,573,935	336,100	166,540	478,900	248,720

CHESAPEAKE STATES - CATCH BY WATERS, 1959

SPECIES	MARYLAND				VIRGINIA	
	OCEAN 1/		CHESAPEAKE BAY		OCEAN 1/	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	-	-	4,483,500	$89,871	9,500	$96
BLUEFISH	25,100	$5,444	4,600	749	77,300	9,456
BONITO	-	-	-	-	1,300	150
BULLHEADS	-	-	168,800	6,750	2,500	150
BUTTERFISH	38,100	2,576	13,200	950	958,800	75,603
CARP	-	-	548,200	23,024	61,000	2,440
CATFISH	-	-	455,500	40,011	14,000	980
COD	383,300	13,008	-	-	100,300	5,128
CRAPPIE	-	-	1,000	100	-	-
CROAKER	1,200	226	837,100	172,441	889,600	145,950
DRUM:						
BLACK	6,200	370	3,900	207	12,400	747
RED OR REDFISH	-	-	200	20	5,600	448
EELS:						
COMMON	200	4	278,700	27,350	19,200	1,920
CONGER	-	-	-	-	900	15
FLOUNDERS:						
GRAY SOLE	1,300	55	-	-	-	-
BLACKBACK	2,800	179	-	-	-	-
FLUKE	1,333,800	179,093	-	-	2,793,400	444,261
UNCLASSIFIED	22,000	632	26,100	2,610	28,800	3,782
GIZZARD SHAD	-	-	13,200	264	1,100	22
HADDOCK	-	-	-	-	100	6
HAKE:						
RED	10,900	270	-	-	9,000	274
WHITE	900	26	-	-	19,400	759
HARVESTFISH	-	-	-	-	41,300	4,130
HERRING:						
SEA	1,500	34	-	-	100	1
THREAD	-	-	-	-	1,900,000	19,590
HICKORY SHAD	-	-	11,300	226	-	-
HOGCHOKER	-	-	17,400	348	-	-
KING MACKEREL	-	-	-	-	4,500	422
KING WHITING OR "KINGFISH"	1,500	120	-	-	18,900	1,279
MACKEREL	1,800	273	200	48	228,100	27,211
MENHADEN	-	-	2,203,300	33,049	71,000,000	731,540
MULLET	-	-	100	3	17,800	1,564
PIKE OR PICKEREL	-	-	5,800	1,102	-	-
POLLOCK	-	-	-	-	2,100	126
SAND PERCH	100	4	-	-	300	15
SCUP OR PORGY	278,100	14,021	-	-	11,518,100	816,312
SEA BASS	156,500	18,862	-	-	3,255,700	444,760
SEA TROUT OR WEAKFISH:						
GRAY	98,200	7,424	11,200	1,120	142,400	16,628
SPOTTED	-	-	-	-	1,100	252
SHAD	-	-	1,480,800	182,851	8,100	1,264
SHARKS:						
GRAYFISH	29,300	1,053	-	-	-	-
UNCLASSIFIED	12,700	381	-	-	1,437,600	68,006
SKATES	-	-	-	-	1,700	36
SPOT	18,600	606	66,400	6,042	207,500	19,433
STRIPED BASS	100	15	4,348,900	744,143	24,200	4,875
STURGEON	2,900	713	-	-	3,700	932
SUCKERS	-	-	1,000	28	-	-
SUNFISH	-	-	700	42	-	-
SWELLFISH	21,400	728	420,200	12,606	56,600	1,748
TAUTOG	4,000	90	-	-	500	20
TILEFISH	100	3	-	-	15,600	1,248
TUNA, BLUEFIN	2,400	304	-	-	-	-
WHITE PERCH	-	-	1,102,400	126,354	60,400	3,375
WHITING	95,700	2,076	-	-	344,000	10,074
YELLOW PERCH	-	-	64,900	9,093	1,400	140
UNCLASSIFIED:						
FOR FOOD	1,000	85	34,600	3,381	22,800	1,547
BAIT, REDUCTION, AND ANIMAL FOOD	3,033,700	15,303	-	-	2,517,700	32,339
CRABS, BLUE:						
HARD	448,400	31,968	20,738,700	1,670,502	3,287,500	230,903
SOFT AND PEELER	10,600	2,115	1,962,400	392,489	174,100	52,630
LOBSTERS, NORTHERN	2,400	672	-	-	17,600	5,960
CLAMS:						
HARD:						
PUBLIC	224,200	98,044	-	-	913,200	456,600
PRIVATE	18,600	8,106	-	-	470,000	235,000
SOFT, PUBLIC	-	-	4,480,700	1,424,515	-	-
SURF	849,700	70,024	-	-	-	-

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

CHESAPEAKE STATES - CATCH BY WATERS, 1959 - Continued

SPECIES	MARYLAND				VIRGINIA	
	OCEAN 1/		CHESAPEAKE BAY		OCEAN 1/	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CONCHS	77,400	$3,870	-	-	14,700	$782
OYSTERS, MARKET:						
PUBLIC:						
SPRING	-	-	4,274,800	$2,283,188	57,600	35,751
FALL	-	-	5,755,000	3,610,419	69,900	45,435
PRIVATE:						
SPRING	289,600	291,535	654,900	335,477	1,373,200	858,250
FALL	297,900	305,402	694,000	408,103	2,010,200	1,306,630
SCALLOPS, SEA	-	-	-	-	436,200	165,854
SQUID	13,700	800	-	-	98,300	4,857
TERRAPIN, DIAMOND-BACK	-	-	5,100	2,227	2,800	1,400
TURTLES, SNAPPER	-	-	63,200	7,189	6,100	870
TOTAL	7,817,900	1,076,514	55,232,000	11,618,892	106,767,800	6,301,976

SPECIES	VIRGINIA - CONTINUED		TOTAL			
	CHESAPEAKE BAY		OCEAN 1/		CHESAPEAKE BAY	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	17,437,500	$243,531	9,500	$96	21,921,000	$333,402
BLUEFISH	105,100	14,461	102,400	14,900	109,700	15,210
BONITO	17,300	2,070	1,300	150	17,300	2,070
BULLHEADS	1,322,200	83,025	2,500	150	1,491,000	89,775
BUTTERFISH	480,400	39,919	996,900	78,179	493,600	40,869
CABIO	35,700	5,475	-	-	35,700	5,475
CARP	449,100	10,264	61,000	2,440	997,300	33,288
CATFISH	1,741,000	118,960	14,000	980	2,196,500	158,971
COD	-	-	483,600	18,136	-	-
CRAPPIE	-	-	-	-	1,000	100
CROAKER	6,765,800	1,069,420	890,800	146,176	7,602,900	1,241,861
DRUM:						
BLACK	234,900	11,998	18,600	1,117	238,800	12,205
RED OR REDFISH	27,700	2,032	5,600	448	27,900	2,052
EELS:						
COMMON	506,800	56,891	19,400	1,924	785,500	84,241
CONGER	-	-	900	15	-	-
FLOUNDERS:						
GRAY SOLE	-	-	1,300	55	-	-
BLACKBACK	-	-	2,800	179	-	-
FLUKE	461,700	73,980	4,127,200	623,354	461,700	73,980
UNCLASSIFIED	53,800	6,742	50,800	4,414	79,900	9,352
GIZZARD SHAD	316,700	3,826	1,100	22	329,900	4,090
HADDOCK	-	-	100	6	-	-
HAKE:						
RED	-	-	19,900	544	-	-
WHITE	-	-	20,300	785	-	-
HARVESTFISH	323,800	30,121	41,300	4,130	323,800	30,121
HERRING:						
SEA	-	-	1,600	35	-	-
THREAD	200,000	2,060	1,900,000	19,590	200,000	2,060
HICKORY SHAD	19,100	857	-	-	30,400	1,083
HOGCHOKER	-	-	-	-	17,400	348
KING MACKEREL	-	-	4,500	422	-	-
KING WHITING OR "KINGFISH"	19,000	1,334	20,400	1,399	19,000	1,334
MACKEREL	6,800	784	229,900	27,484	7,000	832
MENHADEN	341,302,100	3,641,817	71,000,000	731,540	343,505,400	3,674,866
MULLET	108,900	7,257	17,800	1,564	109,000	7,260
PIGFISH	900	60	-	-	900	60
PIKE OR PICKEREL	-	-	-	-	5,800	1,102
POLLOCK	-	-	2,100	126	-	-
POMPANO	3,200	531	-	-	3,200	531
RUDDERFISH	2,200	88	-	-	2,200	88
SAND PERCH	100	5	400	19	100	5
SCUP OR PORGY	8,000	522	11,796,200	830,333	8,000	522
SEA BASS	11,900	1,428	3,412,200	463,622	11,900	1,428
SEA TROUT OR WEAKFISH:						
GRAY	539,000	62,189	240,600	24,052	550,200	63,309
SPOTTED	138,900	28,955	1,100	252	138,900	28,955
SHAD	1,765,900	305,424	8,100	1,264	3,246,700	488,275
SHARKS:						
GRAYFISH	-	-	29,300	1,053	-	-
UNCLASSIFIED	50,600	1,518	1,450,300	68,387	50,600	1,518

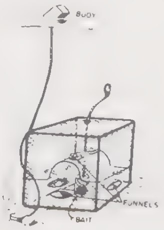
SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

CHESAPEAKE STATES - CATCH BY WATERS, 1959 - Continued

SPECIES	VIRGINIA - CONTINUED		TOTAL			
	CHESAPEAKE BAY		OCEAN 1/		CHESAPEAKE BAY	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
SKATES	-	-	1,700	$36	-	-
SPADEFISH	400	$18	-	-	400	$18
SPANISH MACKEREL	18,100	2,508	-	-	18,100	2,508
SPOT	3,547,000	320,881	226,100	20,039	3,613,400	326,923
STRIPED BASS	2,072,900	325,407	24,300	4,890	6,421,800	1,069,550
STURGEON	8,500	2,344	6,600	1,645	8,500	2,344
SUCKERS	11,400	679	-	-	12,400	707
SUNFISH	-	-	-	-	700	42
SWELLFISH	332,500	11,142	78,000	2,476	752,700	23,748
TAUTOG	6,900	342	4,500	110	6,900	342
TILEFISH	-	-	15,700	1,251	-	-
TUNA:						
BLUEFIN	-	-	2,400	304	-	-
LITTLE	2,400	113	-	-	2,400	113
WHITE PERCH	767,100	40,797	60,400	3,375	1,869,500	167,151
WHITING	-	-	439,700	12,150	-	-
YELLOW PERCH	3,800	380	1,400	140	68,700	9,473
UNCLASSIFIED:						
FOR FOOD	20,200	1,752	23,800	1,632	54,800	5,133
BAIT, REDUCTION, AND ANIMAL FOOD	985,600	14,851	5,551,400	47,642	985,600	14,851
CRABS, BLUE:						
HARD	17,860,800	1,287,615	3,735,900	262,871	38,599,500	2,958,117
SOFT AND PEELER	1,066,500	315,231	184,700	54,745	3,028,900	707,720
LOBSTERS, NORTHERN	7,800	3,000	20,000	6,632	7,800	3,000
CLAMS:						
HARD:						
PUBLIC	191,100	87,260	1,137,400	554,644	191,100	87,260
PRIVATE	116,200	52,802	488,600	243,106	116,200	52,802
SOFT, PUBLIC	28,800	8,640	-	-	4,509,500	1,433,155
SURF	-	-	849,700	70,024	-	-
CONCHS	20,200	1,400	92,100	4,652	20,200	1,400
OYSTERS, MARKET:						
PUBLIC:						
SPRING	1,496,100	934,942	57,600	35,751	5,770,900	3,218,130
FALL	2,340,700	1,463,995	69,900	45,435	8,095,700	5,074,414
PRIVATE:						
SPRING	7,418,600	4,583,500	1,662,800	1,149,785	8,073,500	4,918,977
FALL	6,588,600	4,145,795	2,308,100	1,612,032	7,282,600	4,553,898
SCALLOPS, SEA	-	-	436,200	165,854	-	-
SQUID	84,200	3,370	112,000	5,657	84,200	3,370
TERRAPIN, DIAMOND-BACK	6,400	1,550	2,800	1,400	11,500	3,777
TURTLES:						
LOGGERHEAD	2,200	22	-	-	2,200	22
SNAPPER	76,800	10,469	6,100	870	140,000	17,658
TOTAL	419,537,900	19,448,349	114,585,700	7,378,490	474,769,900	31,067,241

1/ INCLUDES BAYS AND CREEKS, EXCLUSIVE OF CHESAPEAKE BAY, WHICH DRAIN INTO THE ATLANTIC OCEAN.



CRAB POT

POTOMAC RIVER SHAD AND ALEWIFE FISHERY

The catch of shad in the Potomac River during 1959 amounted to 61 thousand fish weighing 188 thousand pounds and valued at 31 thousand dollars to the fishermen. Compared with 1958, the poundage of shad increased 12 percent and the value, 9 percent.

The 1959 catch of alewives in the Potomac River totaled 16.5 million fish weighing nearly 7.3 million pounds valued at approximately 110 thousand dollars. This represented a decrease of 17 percent in poundage and 11 percent in value compared with the previous year's catch.

During 1959 there were 625 fishermen employed in this fishery, compared with 495 fishermen in 1958. Statistics on the yield and operating units of shad and alewives in the Potomac River are also included in the catch and operating unit data for Virginia and Maryland.

SUMMARY OF OPERATING UNITS AND CATCH, 1959

ITEM	MARYLAND 1/			VIRGINIA			TOTAL		
OPERATING UNITS	NUMBER			NUMBER			NUMBER		
FISHERMEN, ON BOATS AND SHORE:									
REGULAR	92			231			323		
CASUAL	171			131			302		
TOTAL	263			362			625		
BOATS:									
MOTOR	153			137			290		
OTHER	26			55			81		
GEAR:									
HAUL SEINES, COMMON	-			3			3		
LENGTH, YARDS	-			2,500			2,500		
GILL NETS:									
DRIFT	10			17			27		
SQUARE YARDS	10,950			22,000			32,950		
STAKE	186			120			306		
SQUARE YARDS	125,200			81,200			206,400		
POUND NETS	11			158			169		
FYKE NETS	3			20			23		
CATCH	NUMBER	POUNDS	VALUE	NUMBER	POUNDS	VALUE	NUMBER	POUNDS	VALUE
SHAD:									
HAUL SEINES	-	-	-	67	200	$35	67	200	$35
GILL NETS:									
DRIFT	936	2,900	$519	6,900	21,000	3,500	7,836	23,900	4,019
STAKE	11,036	34,400	5,843	7,300	22,100	3,700	18,336	56,500	9,543
POUND NETS	44	100	16	34,500	106,500	17,820	34,544	106,600	17,836
FYKE NETS	159	500	58	-	-	-	159	500	58
TOTAL	12,175	37,900	6,436	48,767	149,800	25,055	60,942	187,700	31,491
ALEWIVES:									
HAUL SEINES	-	-	-	23,000	9,300	133	23,000	9,300	133
GILL NETS:									
DRIFT	1,728	900	17	-	-	-	1,728	900	17
STAKE	51,290	25,600	513	30,000	13,800	205	81,290	39,400	718
POUND NETS	11,392	5,700	114	16,300,000	7,245,000	108,700	16,311,392	7,250,700	108,814
FYKE NETS	20,082	10,000	201	45,000	21,000	510	65,082	31,000	711
TOTAL	84,492	42,200	845	16,398,000	7,289,100	109,548	16,482,492	7,331,300	110,393

1/ MARYLAND DATA INCLUDES THE OPERATING UNITS AND CATCH OF 97 UNLICENSED GILL NETS UNDER 100 YARDS IN LENGTH.

SECTION 5 - SOUTH ATLANTIC FISHERIES

The 1959 catch of fish and shellfish landed at ports of the South Atlantic States (North Carolina, South Carolina, Georgia, and the East Coast of Florida) and the commercial catch from the inland lakes of Florida amounted to almost 469 million pounds valued at nearly 19 million dollars. Compared with the previous year, this represented an increase of 93 million pounds or 25 percent in volume while the value of the catch was 1 million dollars or 6 percent below that of 1958. It was the second consecutive year the value of fish and shellfish landings declined in the South Atlantic States. Increased volume was due primarily to larger landings of menhaden, shrimp, crabs, and oysters. During 1959, a total of 14,188 fishermen operated in the South Atlantic area compared with 15,004 during the previous year. The number of vessels of five net tons and over operating in this area increased from 1189 in 1958 to 1219 in 1959.

There were 484 fishery wholesaling and manufacturing establishments in the South Atlantic States compared with 487 in 1958. These firms gave employment to nearly 9 thousand persons. Fishery products manufactured by these firms were valued at over 40 million dollars -- a decline of 1.7 million dollars when compared with 1958. A decline in the value of breaded shrimp accounted for most of the loss.

North Carolina led all the South Atlantic States in volume, accounting for 73 percent of the total landings. Florida (East Coast) was next with 17 percent followed by South Carolina and Georgia with 5 percent each. Florida (East Coast) with a 65 percent increase led all other states in percentage gains over the previous year. South Carolina was next with a 45 percent gain, followed by North Carolina with 18 percent and Georgia with 8 percent.

The menhaden catch of almost 331 million pounds was 86 million pounds or 35 percent greater than in 1958. The successful season is attributed chiefly to improved techniques in fishing and better weather conditions during the fishing season. The power block was more extensively used and electrodes were employed in getting the fish to the pumping nozzles, thereby saving a great deal of time in loading the catch. The excellent fall weather not only aided the fishermen but gave the spotter planes more flying days to assist the crews in locating fish with maximum speed.

In North Carolina, where most of the fish are taken in November and December, the usual late season had a more adverse effect on the economy of the menhaden industry. Producers in that state encountered a sharp decline in fish meal prices which began in the fall and continued a steady trend downward to the end of the year.

The 1959 catch of shellfish in the South Atlantic States (almost 70 million pounds valued at 10 million dollars) increased 12 percent in volume but decreased 8 percent in value. The gain in volume resulted from increased landings of shrimp, oysters, and crabs. The decrease in value was largely the result of a sharp decline in the value of shrimp.

The shrimp industry suffered a rather severe economic reversal in 1959 despite increased landings. While the total volume of shrimp landed in the South Atlantic States was 15 percent greater than in 1958, there was nevertheless a decline in both volume and value in two of the South Atlantic States, Georgia and the East Coast of Florida. North Carolina's increased landings were the result of the unexplained comeback of brown shrimp after the disastrous season in 1958. Landings in North Carolina were more than twice those of 1958. Despite increased landings, the price decline which was felt generally throughout the shrimp industry, drastically reduced the dockside average price per pound.

Crab fishermen experienced a very good year. The volume of crabs landed increased 9 percent while the value was up 14 percent. Some of the increase in landings resulted from more effort as fishermen turned from shrimping to crabbing. There also was a shortage of crabs in Chesapeake Bay during 1959 which helped bolster the demand for crabs and crabmeat from the more southern states. The trend towards fishing with pots continued through 1959 as the number of pots used increased in all South Atlantic States. The use of trot lines decreased in every state except Florida where its use remained practically unchanged. The average price per pound for the picked crabmeat increased 5 cents per pound over the previous year.

The oyster fishery was another bright spot in the South Atlantic fisheries during 1959. The volume of oysters harvested increased by 33 percent while the value increased 36 percent. Only in South Carolina did the dockside price remain unchanged. Some of the increase in volume of oysters taken was attributed to the decline in shrimp prices causing shrimp fishermen to augment their incomes with oystering after the end of the shrimp season. However, in North Carolina, some of the success was credited to the Department of Conservation and Development for its planting program since the increase in volume came from the public reefs. With the increase in landings came a corresponding increase in the quantity of oysters shucked (30 percent more in 1959 than in the previous year). Producers received an average of $5.65 per gallon for shucked oysters in 1959 compared with $4.96, the previous year.

The mullet fishery of the South Atlantic remained in a rather static condition. The volume declined less than 1 percent while the value decreased 14 percent. The mullet season in North and South Carolina is usually limited to about 2 months in the fall of the year, a condition which tends to create a market glut with a subsequent famine. This has resulted in more and more customers switching to fillets of other species because of the unsteady mullet supply. The condition of the mullet fishery and the plight of the fishermen engaged in taking these fish continued to be one of the industry's unsolved problems. The annual mullet catch of 45 to 50 million pounds could be increased many million pounds if a market could be provided.

The Southeastern Fisheries Association, representing fish producers in Georgia and Florida, listed the following needs of the fishing industry of the South Atlantic as most urgent:

(1) New fishing grounds for shrimp.
(2) Better conservation practices for both shrimp and fish.
(3) New markets for fish.
(4) Ways of coping with serious estuarine problems.
(5) Steady growth of seafood imports.

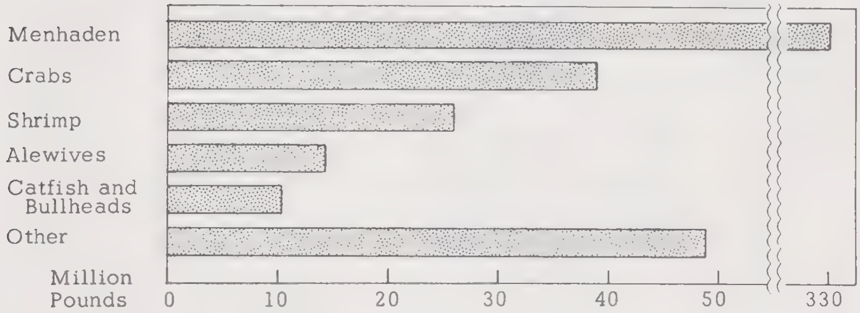
The fishing vessel, Donald Ray, sank off the North East Coast of Florida on March 8, 1957, with a loss of all aboard after having been sighted by the Coast Guard in a sinking condition. Subsequently, survivors of the lost crew members filed a suit in Federal Court charging negligence on the part of the Coast Guard in the rescue work of this vessel. On June 25, 1959, a Federal judge in Jacksonville, Florida awarded the survivors of these fishermen 169,042 dollars. The decision was deemed important to fishermen since it indicated that the actions of the Coast Guard can be subject to review and judgment in a Federal Court.

The Bureau of Commercial Fisheries survey vessel, Silver Bay, made an important discovery off North Carolina when productive calico scallop beds were located east of Core Banks. Production of this species was begun in 1959; however, the quantity taken was small. A decline in sea scallop prices at New Bedford, problems relating to calico scallops, and the development of a market for a new product were chiefly responsible for the failure to more fully exploit this resource.

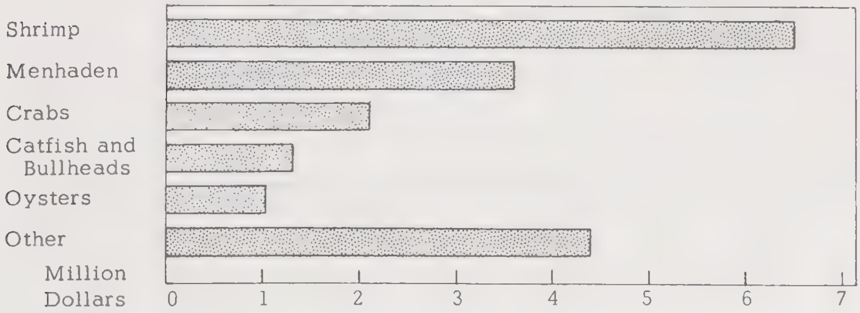
The Bureau gratefully acknowledges the assistance of the following organizations in the collection of the data appearing in this section: The North Carolina Department of Conservation and Development, Division of Commercial Fisheries; South Carolina Wildlife Resources Department, Division of Commercial Fisheries; Georgia Game and Fish Commission, Coastal Fisheries Division; and Florida State Board of Conservation and Marine Laboratory, University of Miami.

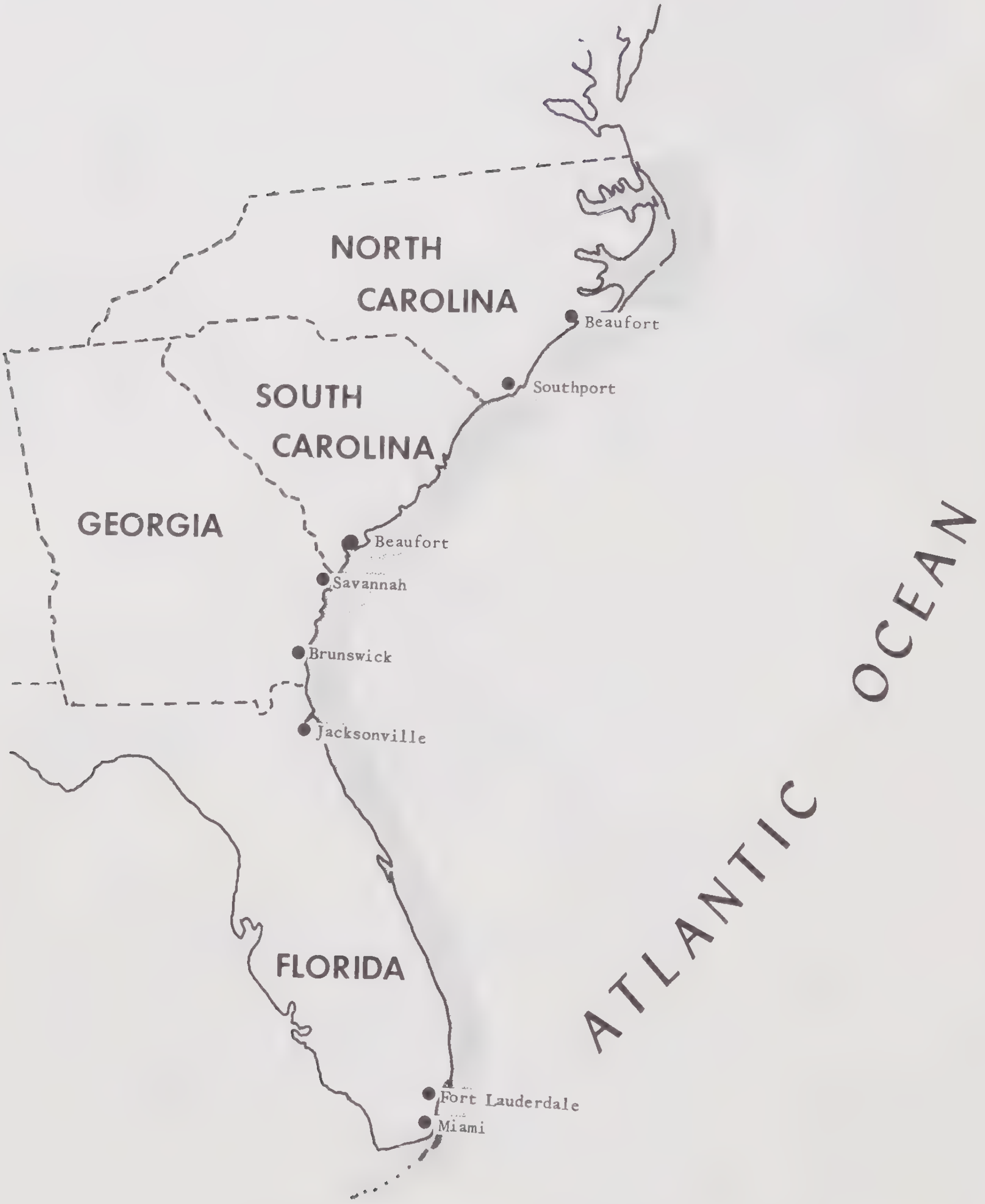
Condensed summary data of the operating units and catch of the South Atlantic area appearing on the following pages have been previously published in Current Fishery Statistics No. 2369. Seasonal variation in the catch of fish and shellfish in North Carolina, South Carolina, Georgia, and Florida can be ascertained from the 1959 monthly and annual landing bulletins issued for these four states in cooperation with the fishery agency in each state. Additional data on many aspects of the South Atlantic fisheries may be found in the daily, monthly, and annual reports published by the Hampton, Virginia Market News Office of the Bureau.

SOUTH ATLANTIC STATES CATCH, 1959



VALUE OF SOUTH ATLANTIC STATES CATCH, 1959




NORTH CAROLINA
Beaufort
Southport
SOUTH CAROLINA
Beaufort
GEORGIA
Savannah
Brunswick
Jacksonville
FLORIDA
Fort Lauderdale
Miami
ATLANTIC OCEAN

SOUTH ATLANTIC STATES

SOUTH ATLANTIC FISHERIES

SECTIONAL SUMMARIES

SUMMARY OF CATCH, 1959

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

STATE	FISH		SHELLFISH, ETC.		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
NORTH CAROLINA	319,564	5,162	23,048	3,080	342,612	8,242
SOUTH CAROLINA	9,127	340	14,316	2,596	23,443	2,936
GEORGIA	1,062	165	20,532	2,491	21,594	2,656
FLORIDA, EAST COAST	69,279	3,127	11,784	1,909	81,063	5,036
TOTAL	399,032	8,794	69,680	10,076	468,712	18,870

NOTE:--THE CATCH FOR THE INLAND LAKES OF FLORIDA HAS BEEN INCLUDED WITH THE CATCH FOR THE EAST COAST OF FLORIDA.

SUMMARY OF OPERATING UNITS, 1959

ITEM	NORTH CAROLINA	SOUTH CAROLINA	GEORGIA	FLORIDA, EAST COAST	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS	2,266	638	673	1,246	4,117
ON BOATS AND SHORE:					
REGULAR	2,856	752	496	1,584	5,688
CASUAL	1,731	832	721	1,099	4,383
TOTAL	6,853	2,222	1,890	3,929	14,188
VESSELS, MOTOR	444	269	329	471	1,219
NET TONNAGE	12,159	3,705	4,625	8,469	23,891
BOATS:					
MOTOR	1,988	886	887	1,690	5,451
OTHER	987	122	48	107	1,264
ACCESSORY BOATS	206	12	-	21	230
GEAR:					
HAUL SEINES:					
COMMON	96	26	6	24	152
LENGTH, YARDS	25,800	6,200	925	10,563	43,488
LONG	47	-	-	-	47
LENGTH, YARDS	62,000	-	-	-	62,000
PURSE SEINES:					
MENHADEN	63	4	-	7	71
LENGTH, YARDS	25,200	1,600	-	2,800	28,400
OTHER	10	-	-	-	10
LENGTH, YARDS	6,440	-	-	-	6,440
BAG NETS	28	-	-	-	28
YARDS AT MOUTH	700	-	-	-	700
OTTER TRAWLS:					
CRAB	171	47	70	-	288
YARDS AT MOUTH	2,576	860	1,394	-	4,830
FISH	86	2	-	-	88
YARDS AT MOUTH	2,021	56	-	-	2,077
SHRIMP	849	536	713	604	2,343
YARDS AT MOUTH	15,282	9,352	10,134	11,769	38,297
POUND NETS, FISH	892	-	-	7	899
FYKE NETS, FISH	154	-	-	320	474
POTS AND TRAPS:					
CRAB	14,550	4,755	9,716	14,835	43,856
EEL	1,060	-	-	-	1,060
FISH	6,540	1,750	383	4,560	13,233
LOBSTER	-	-	-	18,100	18,100
TURTLE	15	-	-	-	15
GILL NETS:					
ANCHOR	1,378	267	52	5	1,702
SQUARE YARDS	567,560	35,174	34,370	4,500	641,604
DRIFT	227	108	392	95	822
SQUARE YARDS	93,920	13,976	193,295	130,400	431,591
RUNAROUND	193	-	-	354	547
SQUARE YARDS	143,600	-	-	492,800	636,400
STAKE	1,330	42	121	-	1,493
SQUARE YARDS	382,975	7,709	22,630	-	413,314
TRAMMEL NETS	-	-	-	32	32
SQUARE YARDS	-	-	-	35,700	35,700
LINES:					
HAND	12	60	45	1,488	1,601
HOOKS	16	120	90	1,585	1,807
TROLL	-	-	-	823	823
HOOKS	-	-	-	823	823

SEE NOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

SUMMARY OF OPERATING UNITS, 1959 - Continued

ITEM	NORTH CAROLINA	SOUTH CAROLINA	GEORGIA	FLORIDA, EAST COAST	TOTAL, EXCLUSIVE OF DUPLICATION
GEAR - CONTINUED:	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
LINES - CONTINUED:					
LONG OR SET WITH HOOKS. . .	8	16	499	510	1,033
HOOKS	1,600	4,000	25,050	437,444	468,094
TROT WITH BAITS	383	136	4	3	526
BAITS	608,300	102,000	2,750	4,800	717,850
DIP NETS:					
COMMON.	152	-	-	2	154
DROP.	-	-	1,080	-	1,080
CAST NETS	-	41	5	28	74
SPEARS.	67	25	-	-	92
DREDGES:					
CLAM.	10	-	-	-	10
YARDS AT MOUTH.	14	-	-	-	14
CRAB.	64	-	-	-	64
YARDS AT MOUTH.	96	-	-	-	96
OYSTER, COMMON.	276	-	4	-	280
YARDS AT MOUTH.	370	-	8	-	378
SCALLOPS.	87	-	-	-	87
YARDS AT MOUTH.	103	-	-	-	103
TONGS, OYSTER	130	-	-	5	135
RAKES, OTHER THAN FOR OYSTERS	240	34	-	-	274
GRABS, OYSTER	-	218	38	-	256

NOTE:--THE OPERATING UNITS FOR THE INLAND LAKES OF FLORIDA HAVE BEEN INCLUDED WITH THE DATA FOR THE EAST COAST OF FLORIDA.

CATCH BY STATES, 1959

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	NORTH CAROLINA		SOUTH CAROLINA		GEORGIA	
FISH	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
ALEWIVES.	14,154	142	-	-	-	-
BLUEFISH.	740	88	1	(1)	-	-
BOWFIN.	-	-	-	-	4	(1)
BUTTERFISH.	431	34	-	-	-	-
CABIO	13	1	-	-	-	-
CARP.	398	12	1	(1)	(1)	(1)
CATFISH AND BULLHEADS	1,465	117	207	19	105	15
CROAKER	3,057	228	9	(1)	-	-
DRUM:						
BLACK	23	1	2	(1)	-	-
RED	5	(1)	-	-	-	-
EELS, COMMON.	99	4	-	-	1	(1)
FLOUNDERS	1,529	187	30	6	57	6
GROUPERS.	9	1	2	(1)	-	-
HARVESTFISH	104	7	-	-	-	-
HERRING, THREAD	4,371	51	-	-	-	-
HICKORY SHAD.	99	6	(1)	(1)	5	(1)
JEWFISH	1	(1)	-	-	-	-
KING MACKEREL	31	6	1	(1)	-	-
KING WHITING OR "KINGFISH". . .	780	72	66	3	214	17
MACKEREL.	3	1	-	-	-	-
MENHADEN.	279,888	3,247	3,991	29	-	-
MULLET.	2,326	159	2,548	153	1	(1)
PIGFISH	88	5	-	-	-	-
PIKE OR PICKEREL.	(1)	(1)	-	-	-	-
POMPANO	18	5	14	4	-	-
SAND PERCH.	34	1	-	-	-	-
SCUP OR PORGY	34	3	-	-	-	-
SEA BASS,BLACK.	41	4	38	6	1	(1)
SEA TROUT OR WEAKFISH:						
GRAY.	2,913	167	7	(1)	-	-
SPOTTED	389	97	37	8	(1)	(1)
SHAD.	419	105	80	26	391	121
SHARKS, UNCLASSIFIED.	13	1	11	1	-	-
SHEEPSHEAD, SALT-WATER.	4	(1)	-	-	-	-
SNAPPER, RED.	15	4	18	5	-	-
SPADEFISH	5	(1)	-	-	-	-

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

CATCH BY STATES, 1959 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	NORTH CAROLINA		SOUTH CAROLINA		GEORGIA	
FISH - CONTINUED	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
SPANISH MACKEREL	156	23	-	-	-	-
SPOT	2,265	147	1,841	73	(1)	(1)
STRIPED BASS	872	158	-	-	(1)	(1)
STURGEON, COMMON	19	3	33	5	4	1
SUCKERS	(1)	(1)	-	-	(1)	(1)
SWELLFISH	253	8	-	-	-	-
TILEFISH	(1)	(1)	-	-	-	-
WHITE PERCH	442	44	-	-	-	-
YELLOW PERCH	45	3	-	-	-	-
UNCLASSIFIED, FOR BAIT, REDUCTION, AND ANIMAL FOOD	2,013	20	190	2	279	5
TOTAL FISH	319,564	5,162	9,127	340	1,062	165
SHELLFISH, ETC.						
CRABS, BLUE:						
HARD	14,739	851	4,772	263	12,682	593
SOFT AND PEELER	124	37	-	-	-	-
TOTAL CRABS	14,863	888	4,772	263	12,682	593
SHRIMP	6,378	1,413	7,515	1,917	7,602	1,837
CLAMS, HARD, PUBLIC	340	136	111	37	-	-
OCTOPUS	5	(1)	-	-	-	-
OYSTERS, MARKET:						
PUBLIC:						
SPRING	425	191	-	-	-	-
FALL	789	366	-	-	-	-
PRIVATE:						
SPRING	34	11	1,099	218	218	53
FALL	63	19	819	161	30	8
TOTAL OYSTERS	1,311	587	1,918	379	248	61
SCALLOPS:						
BAY	128	51	-	-	-	-
CALICO	6	3	-	-	-	-
SQUID	9	1	-	-	-	-
TURTLES, SNAPPER	8	1	-	-	-	-
TOTAL SHELLFISH, ETC.	23,048	3,080	14,316	2,596	20,532	2,491
GRAND TOTAL	342,612	8,242	23,443	2,936	21,594	2,656

SPECIES	FLORIDA, EAST COAST		TOTAL	
FISH	QUANTITY	VALUE	QUANTITY	VALUE
ALEWIVES	16	(1)	14,170	142
AMBERJACK	49	3	49	3
ANGELFISH	(1)	(1)	(1)	(1)
BALLYHOO	5	1	5	1
BARRACUDA	3	(1)	3	(1)
BLUEFISH	1,284	136	2,025	224
BLUERUNNER	87	5	87	5
BONITO	3	(1)	3	(1)
BOWFIN	-	-	4	(1)
BUTTERFISH	-	-	431	34
CABIO	8	1	21	2
CARP	-	-	399	12
CATFISH AND BULLHEADS	8,435	1,181	10,212	1,332
CREVALLE	112	4	112	4
CROAKER	85	9	3,151	237
DOLPHIN	11	1	11	1
DRUM:				
BLACK	62	5	87	6
RED	131	19	136	19
EELS, COMMON	-	-	100	4
FLOUNDERS	109	18	1,725	217
GROUPERS	192	23	203	24
GRUNTS	35	3	35	3
HARVESTFISH	-	-	104	7
HERRING, THREAD	-	-	4,371	51
HICKORY SHAD	-	-	104	6
HOGFISH	5	1	5	1
JEWFISH	9	1	10	1
KING MACKEREL	2,196	253	2,228	259
KING WHITING OR "KINGFISH"	1,145	101	2,205	193

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

CATCH BY STATES, 1959 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	FLORIDA, EAST COAST		TOTAL	
FISH - CONTINUED	QUANTITY	VALUE	QUANTITY	VALUE
MACKEREL	-	-	3	1
MENHADEN	46,637	362	330,516	3,638
MOJARRA	110	8	110	8
MULLET	2,759	143	7,634	455
PERMIT	1	(1)	1	(1)
PIGFISH	3	(1)	91	5
PIKE OR PICKEREL	-	-	(1)	(1)
POMPANO	116	65	148	74
SAND PERCH	-	-	34	1
SCUP OR PORGY	-	-	34	3
SEA BASS, BLACK	46	5	126	15
SEA CATFISH	31	2	31	2
SEA TROUT OR WEAKFISH:				
GRAY	34	4	2,954	171
SPOTTED	768	184	1,194	289
SHAD	540	65	1,430	317
SHARKS, UNCLASSIFIED	-	-	24	2
SHEEPSHEAD, SALT-WATER	46	4	50	4
SNAPPER:				
MANGROVE	45	8	45	8
MUTTONFISH	36	7	36	7
RED	629	175	662	184
VERMILION	1	(1)	1	(1)
WHITE	6	(1)	6	(1)
YELLOWTAIL	86	23	86	23
SPADEFISH	-	-	5	(1)
SPANISH MACKEREL	2,352	212	2,508	235
SPOT	1,032	94	5,138	314
STRIPED BASS	-	-	872	158
STURGEON, COMMON	(1)	(1)	56	9
SUCKERS	-	-	(1)	(1)
SWELLFISH	-	-	253	8
TENPOUNDER	1	(1)	1	(1)
TILEFISH	-	-	(1)	(1)
TRIGGERFISH	3	(1)	3	(1)
TRIPLETAIL	1	(1)	1	(1)
WARSAW	14	1	14	1
WHITE PERCH	-	-	442	44
YELLOW PERCH	-	-	45	3
UNCLASSIFIED, FOR BAIT, REDUCTION, AND ANIMAL FOOD	-	-	2,482	27
TOTAL FISH	69,279	3,127	399,032	8,794
SHELLFISH, ETC.				
CRABS:				
BLUE:				
HARD	6,613	337	38,806	2,044
SOFT AND PEELER	-	-	124	37
STONE	70	23	70	23
TOTAL CRABS	6,683	360	39,000	2,104
LOBSTERS, SPINY	543	176	543	176
SHRIMP	4,511	1,360	26,006	6,527
CLAMS, HARD:				
PUBLIC	1	(1)	452	173
PRIVATE	1	(1)	1	(1)
OCTOPUS	-	-	5	(1)
OYSTERS, MARKET:				
PUBLIC:				
SPRING	8	2	433	193
FALL	16	5	805	371
PRIVATE:				
SPRING	4	1	1,355	283
FALL	11	4	923	192
TOTAL OYSTERS	39	12	3,516	1,039
SCALLOPS:				
BAY	-	-	128	51
CALICO	-	-	6	3
SQUID	2	(1)	11	1
TURTLES:				
LOGGERHEAD	4	1	4	1
SNAPPER	-	-	8	1
TOTAL SHELLFISH, ETC.	11,784	1,909	69,680	10,076
GRAND TOTAL	81,063	5,036	468,712	18,870

1/ LESS THAN 500 POUNDS OR 500 DOLLARS.

NOTE:--THE CATCH FOR THE INLAND LAKES OF FLORIDA HAS BEEN INCLUDED WITH THE CATCH FOR THE EAST COAST OF FLORIDA.

CATCH OF CERTAIN SHELLFISH, 1959

(NUMBER AND BUSHELS)

SPECIES		NORTH CAROLINA		SOUTH CAROLINA		GEORGIA	
		QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
CRABS, BLUE:							
HARD.	NUMBER	44,216,700	$851,234	11,453,760	$262,434	25,365,000	$592,814
SOFT AND PEELER .	DO	373,200	37,320	-	-	-	-
CLAMS, HARD, PUBLIC	U.S. STD. BUSHEL	38,800	135,800	12,686	36,630	-	-
OYSTERS, MARKET:							
PUBLIC:							
SPRING.	DO	92,998	190,785	-	-	-	-
FALL.	DO	172,692	366,457	-	-	-	-
PRIVATE:							
SPRING.	DO	7,500	11,115	353,408	217,923	59,346	52,929
FALL.	DO	13,947	19,250	298,978	161,326	10,169	8,008
SCALLOPS:							
BAY	DO	18,868	51,314	-	-	-	-
CALICO.	DO	1,300	2,600	-	-	-	-

SPECIES		FLORIDA, EAST COAST		TOTAL	
		QUANTITY	VALUE	QUANTITY	VALUE
CRABS:					
BLUE:					
HARD.	NUMBER	13,225,200	$337,243	94,260,660	$2,043,725
SOFT AND PEELER	DO	-	-	373,200	37,320
STONE	DO	70,000	23,166	70,000	23,166
CLAMS, HARD:					
PUBLIC.	U.S. STD. BUSHEL	63	160	51,549	172,590
PRIVATE	DO	112	288	112	288
OYSTERS, MARKET:					
PUBLIC:					
SPRING.	DO	1,884	2,479	94,882	193,264
FALL.	DO	3,905	5,018	176,597	371,475
PRIVATE:					
SPRING.	DO	1,047	1,377	421,301	283,344
FALL.	DO	2,619	3,367	325,713	191,951
SCALLOPS:					
BAY	DO	-	-	18,868	51,314
CALICO.	DO	-	-	1,300	2,600

NOTE:--THE CAPACITY OF A U. S. STANDARD BUSHEL IS 2,150.4 CUBIC INCHES.

AVERAGE WEIGHTS OF CERTAIN SHELLFISH, 1959

SPECIES		NORTH CAROLINA	SOUTH CAROLINA	GEORGIA	FLORIDA, EAST COAST
		QUANTITY	QUANTITY	QUANTITY	QUANTITY
CRABS:					
BLUE:					
HARD.	NUMBER PER POUND	3.00	2.40	2.00	2.00
SOFT AND PEELER .	DO	3.00	-	-	-
STONE	DO	-	-	-	1,00
CLAMS, HARD:					
PUBLIC.	U.S. STD. BUSHEL	8.75	8.75	-	8.00
PRIVATE	DO	-	-	-	8.00
OYSTERS, MARKET:					
PUBLIC:					
SPRING.	DO	4.57	-	-	4.30
FALL.	DO	4.57	-	-	4.20
PRIVATE:					
SPRING.	DO	4.52	3.11	3.67	4.30
FALL.	DO	4.51	2.74	2.97	4.20
SCALLOPS:					
BAY	DO	6.80	-	-	-
CALICO.	DO	5.00	-	-	-

NOTE:--THE CAPACITY OF A U. S. STANDARD BUSHEL IS 2,150.4 CUBIC INCHES.

SOUTH ATLANTIC FISHERIES

MANUFACTURED FISHERY PRODUCTS, 1959

ITEM		NORTH CAROLINA		SOUTH CAROLINA	
		QUANTITY	VALUE	QUANTITY	VALUE
ALEWIVES:					
CANNED:					
FISH	STANDARD CASES	7,400	$36,400	-	-
ROE	DO	11,816	142,640	-	-
CORNED, SALTED	POUNDS	4,580,000	206,575	-	-
MENHADEN:					
DRY SCRAP AND MEAL	TONS	29,664	3,317,176	(1)	(1)
OIL	GALLONS	2,989,352	1,552,984	-	-
SOLUBLES	TONS	9,677	605,846	-	-
MULLET, SALTED (SPLIT-EVISCERATED)	POUNDS	455,500	72,880	-	-
SPANISH MACKEREL, FRESH AND FROZEN FILLETS	DO	(1)	(1)	-	-
CRABS, BLUE, COOKED MEAT	DO	1,237,852	1,235,762	184,384	$211,993
SHRIMP, FRESH AND FROZEN:					
RAW HEADLESS	DO	(1)	(1)	(1)	(1)
PEELED (INCLUDING DEVEINED)	DO	-	-	(1)	(1)
BREADED (RAW AND COOKED)	DO	(1)	(1)	(1)	(1)
CLAMS, HARD (SHUCKED)	GALLONS	(1)	(1)	-	-
OYSTERS, FRESH AND FROZEN:					
SHUCKED	DO	128,106	795,850	48,468	218,106
STEAMED	POUNDS	-	-	129,035	77,421
BREADED	DO	(1)	(1)	(1)	(1)
UNCLASSIFIED PRODUCTS:					
FRESH AND FROZEN:					
FISH FILLETS, UNBREADED 2/	DO	48,500	24,625	-	-
FISH AND SHELLFISH, BREADED AND SPECIALTIES	DO	3/260,167	3/360,075	4/73,800	4/49,775
CANNED FISH AND SHELLFISH 7/	STANDARD CASES	19,321	393,399	67,493	944,441
CURED FISH AND SHELLFISH 8/	POUNDS	13,700	2,750	-	-
BYPRODUCTS 9/	-	-	362,476	-	53,820
TOTAL	-	-	9,109,438	-	1,555,556

ITEM		GEORGIA		FLORIDA, EAST COAST	
		QUANTITY	VALUE	QUANTITY	VALUE
MENHADEN:					
DRY SCRAP AND MEAL	TONS	-	-	(1)	(1)
OIL	GALLONS	-	-	(1)	(1)
SOLUBLES	TONS	-	-	(1)	(1)
SPANISH MACKEREL, FRESH AND FROZEN FILLETS	DO	-	-	303,153	$73,318
CRABS, BLUE, COOKED MEAT	DO	1,317,408	$1,163,082	1,201,085	1,283,424
SHRIMP, FRESH AND FROZEN:					
RAW HEADLESS	DO	1,182,449	716,887	4,304,534	2,564,139
PEELED (INCLUDING DEVEINED)	DO	1,910,828	2,285,365	745,479	577,575
BREADED (RAW AND COOKED)	DO	14,062,196	9,712,411	7,355,080	4,943,153
CLAMS, HARD (SHUCKED)	GALLONS	-	-	126	319
OYSTERS, FRESH AND FROZEN:					
SHUCKED	DO	9,170	42,455	3,348	12,595
BREADED	POUNDS	(1)	(1)	239,897	204,904
UNCLASSIFIED PRODUCTS:					
FRESH AND FROZEN:					
FISH FILLETS, UNBREADED 2/	DO	-	-	222,000	117,400
FISH AND SHELLFISH, BREADED AND SPECIALTIES	DO	5/5,610,643	5/3,027,016	6/1,774,348	6/878,368
CANNED FISH AND SHELLFISH 7/	STANDARD CASES	5,018	77,545	-	-
CURED FISH AND SHELLFISH 8/	POUNDS	-	-	336,700	567,255
BYPRODUCTS 9/	-	-	26,600	-	1,170,525
TOTAL	-	-	17,051,361	-	12,392,975

1/ INCLUDED WITH "UNCLASSIFIED PRODUCTS". 2/ INCLUDES FRESH AND FROZEN FILLETS OF BLUEFISH, GROUPER, POMPANO, AND RED SNAPPER; FRESH FILLETS OF FLOUNDER, SCUP, SEA BASS, SPANISH MACKEREL, AND STRIPED BASS; FROZEN FILLETS OF SEA TROUT; AND FROZEN KING WHITING STEAKS. 3/ INCLUDES FROZEN BREADED FLOUNDER FILLETS, SEA TROUT, SHRIMP, AND OYSTERS; FROZEN CRAB CAKES, DEVILED CRABS, RAW HEADLESS SHRIMP, AND SHELLFISH DINNERS; AND SHUCKED CLAMS. 4/ INCLUDES RAW HEADLESS SHRIMP, PEELED SHRIMP, COOKED SHRIMP, BREADED SHRIMP AND OYSTERS, DEVILED CRABS AND SEAFOOD PLATTERS. 5/ INCLUDES FROZEN BREADED FISH STICKS AND PORTIONS, CRAB STICKS, SHRIMP STICKS, OYSTERS, OYSTER STICKS, AND SCALLOPS; DEVILED CRAB WITH SHRIMP; SHRIMP CREOLE; AND SHELLFISH DINNERS. 6/ INCLUDES FROZEN BREADED FISH STICKS AND PORTIONS, SEA TROUT FILLETS, AND SCALLOPS; CRAB CAKES; DEVILED CRABS; CRAB ROLLS; CRAB STICKS; COOKED SPINY LOBSTER; LOBSTER CUTLET; SHRIMP PATTIES; SNAPPING TURTLE FINGERS AND TENDERLOINS; AND SHELLFISH ROLLS. 7/ INCLUDES CANNED CRABMEAT, DEVILED CRAB, SHRIMP, CLAM CHOWDER, OYSTERS, OYSTER STEW, AND ANIMAL FOOD. 8/ INCLUDES SALTED SPOT; SMOKED ALEWIVES, BUTTERFISH, CARP, CHUB, KING WHITING, MARLIN, MULLET, SALMON, STURGEON, WHITEFISH, AND SHRIMP. 9/ INCLUDES MENHADEN MEAL, OIL AND SOLUBLES; CRAB MEAL; SHRIMP MEAL; OYSTER-SHELL POULTRY GRIT AND LIME; MEAL AND OIL FROM UNCLASSIFIED SPECIES OF FISH.

NOTE:--SOME OF THE ABOVE PRODUCTS MAY HAVE BEEN MANUFACTURED FROM RAW PRODUCTS IMPORTED FROM ANOTHER STATE OR A FOREIGN COUNTRY; THEREFORE, THEY CANNOT BE CORRELATED DIRECTLY WITH THE CATCH WITHIN THE STATE.

SUMMARY OF PRODUCTION, BY COMMODITIES, 1959

SUMMARY OF ITEMS		QUANTITY	VALUE
PACKAGED, FRESH AND FROZEN:			
NOT BREADED:			
FISH FILLETS	POUNDS	573,653	$215,343
SHELLFISH	DO	14,859,955	11,657,480
BREADED:			
FISH	DO	3,745,064	1,709,288
SHELLFISH	DO	22,911,896	16,071,504
SPECIALTIES	DO	2,042,306	922,403
CANNED FISH AND SHELLFISH	STANDARD CASES	111,048	1,594,425
CURED FISH AND SHELLFISH (SALTED AND SMOKED)	POUNDS	5,385,900	849,460
BYPRODUCTS	-	-	7,089,427
TOTAL	-	-	40,109,330

SUMMARY OF VALUE, BY STATES, 1959

STATE	VALUE
NORTH CAROLINA	$9,109,438
SOUTH CAROLINA	1,555,556
GEORGIA	17,051,361
FLORIDA, EAST COAST	12,392,975
TOTAL	40,109,330

TRANSPORTING, WHOLESALING, AND MANUFACTURING, 1959

ITEM	NORTH CAROLINA	SOUTH CAROLINA	GEORGIA	FLORIDA, EAST COAST	TOTAL
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
TRANSPORTING:					
PERSONS ENGAGED:					
ON VESSELS	19	30	-	-	49
ON BOATS	-	-	-	40	40
VESSELS, MOTOR	14	15	-	-	29
NET TONNAGE	114	186	-	-	300
BOATS, MOTOR	-	-	-	40	40
WHOLESALING AND MANUFACTURING:					
ESTABLISHMENTS	193	79	61	151	484
PERSONS ENGAGED:					
AVERAGE FOR SEASON	2,657	1,275	2,960	1,858	8,750
AVERAGE FOR YEAR	979	621	2,045	1,331	4,976

NOTE:-- BOATS AND VESSELS ENGAGED IN TRANSPORTING AND FISHING ARE INCLUDED ONLY AS FISHING CRAFT. OF THE TOTAL NUMBER OF PERSONS SHOWN ON TRANSPORTERS, 70 ENGAGED IN FISHING AND HAVE BEEN INCLUDED AS FISHERMEN.

BLUE CRAB

SOUTH ATLANTIC FISHERIES
NORTH CAROLINA
OPERATING UNITS BY GEAR, 1959

ITEM	HAUL SEINES		PURSE SEINES		BAG NETS	OTTER TRAWLS		
	COMMON	LONG	MENHADEN	OTHER		CRAB	FISH	SHRIMP
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:								
ON VESSELS	-	52	1,400	-	-	25	179	795
ON BOATS AND SHORE:								
REGULAR.	202	192	-	24	-	229	32	714
CASUAL	322	6	-	28	28	36	-	-
TOTAL.	524	250	1,400	52	28	290	211	1,509
VESSELS, MOTOR	-	17	63	-	-	13	70	362
NET TONNAGE.	-	112	7,107	-	-	82	1,379	4,898
BOATS:								
MOTOR.	44	77	-	14	18	158	16	426
OTHER.	80	76	-	10	10	-	-	-
ACCESSORY BOATS. . . .	-	17	189	-	-	-	-	-
GEAR:								
NUMBER	96	47	63	10	28	171	86	849
LENGTH, YARDS. . . .	25,800	62,000	25,200	6,440	-	-	-	-
YARDS AT MOUTH . . .	-	-	-	-	700	2,576	2,021	15,282

ITEM	POUND NETS	FYKE NETS, FISH	POTS AND TRAPS				GILL NETS	
			CRAB	EEL	FISH	TURTLE	ANCHOR	DRIFT, SHAD
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:								
ON VESSELS	-	-	-	-	-	-	29	-
ON BOATS AND SHORE:								
REGULAR.	136	-	212	14	114	-	293	-
CASUAL	104	15	54	39	84	1	225	219
TOTAL.	240	15	266	53	198	1	547	219
VESSELS, MOTOR	-	-	-	-	-	-	9	-
NET TONNAGE.	-	-	-	-	-	-	50	-
BOATS:								
MOTOR.	102	10	226	51	121	1	314	40
OTHER.	3	-	-	2	75	-	16	179
GEAR:								
NUMBER	892	154	14,550	1,060	6,540	15	1,378	219
SQUARE YARDS	-	-	-	-	-	-	567,560	87,600

ITEM	GILL NETS - CONTINUED			LINES			DIP NETS, COMMON	SPEARS
	DRIFT, OTHER	RUNA-ROUND	STAKE	HAND	LONG OR SET WITH HOOKS	TROT WITH BAITS		
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:								
ON VESSELS	-	-	-	8	-	-	-	-
ON BOATS AND SHORE:								
REGULAR.	-	186	196	-	-	340	50	-
CASUAL	8	200	154	4	8	100	102	67
TOTAL.	8	386	350	12	8	440	152	67
VESSELS, MOTOR	-	-	-	2	-	-	-	-
NET TONNAGE.	-	-	-	40	-	-	-	-
BOATS:								
MOTOR.	-	167	214	2	8	305	50	-
OTHER.	8	46	110	-	-	78	102	67
GEAR:								
NUMBER	8	193	1,330	12	8	383	152	67
SQUARE YARDS	6,320	143,600	382,975	-	-	-	-	-
HOOKS OR BAITS . . .	-	-	-	16	1,600	608,300	-	-

ITEM	DREDGES				TONGS, OYSTER	RAKES, OTHER THAN FOR OYSTERS	BY HAND, OYSTER	TOTAL, EXCLUSIVE OF DUPLI-CATION
	CLAM	CRAB	OYSTER, COMMON	SCALLOP				
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:								
ON VESSELS	-	64	26	6	-	-	-	2,266
ON BOATS AND SHORE:								
REGULAR.	20	-	524	44	72	40	80	2,856
CASUAL	-	-	-	-	58	200	219	1,731
TOTAL.	20	64	550	50	130	240	299	6,853
VESSELS, MOTOR	-	32	14	3	-	-	-	444
NET TONNAGE.	-	274	89	41	-	-	-	12,159
BOATS:								
MOTOR.	10	-	262	42	48	40	30	1,988
OTHER.	-	-	-	-	82	200	269	987
ACCESSORY BOATS. . . .	-	-	-	-	-	-	-	206
GEAR:								
NUMBER	10	64	276	87	130	240	-	-
YARDS AT MOUTH . . .	14	96	370	103	-	-	-	-

NORTH CAROLINA - CATCH BY GEAR, 1959

SPECIES	HAUL SEINES		PURSE SEINES		BAG NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	592,700	$5,927	-	-	-	-
BLUEFISH	536,000	58,231	-	-	-	-
BUTTERFISH	176,400	14,112	-	-	-	-
CABIO	13,200	792	-	-	-	-
CARP	133,800	4,014	-	-	-	-
CATFISH AND BULLHEADS	101,800	8,144	-	-	-	-
CROAKER	739,700	47,382	-	-	-	-
DRUM:						
BLACK	8,700	522	-	-	-	-
RED	5,000	400	-	-	-	-
FLOUNDERS	187,800	25,608	-	-	-	-
HARVESTFISH	57,200	3,754	-	-	-	-
HERRING, THREAD	-	-	4,371,100	$50,704	-	-
HICKORY SHAD	8,000	480	-	-	-	-
KING MACKEREL	3,900	595	-	-	-	-
KING WHITING OR "KINGFISH"	146,200	14,296	-	-	-	-
MENHADEN	-	-	279,887,800	3,246,699	-	-
MULLET	1,566,800	90,842	-	-	-	-
PIGFISH	47,000	2,720	-	-	-	-
POMPANO	17,600	5,280	-	-	-	-
SEA TROUT OR WEAKFISH:						
GRAY	441,400	34,168	-	-	-	-
SPOTTED	267,200	66,800	-	-	-	-
SHAD	39,600	9,900	-	-	-	-
SHARKS	12,900	645	-	-	-	-
SHEEPSHEAD, SALT-WATER	3,900	312	-	-	-	-
SPADEFISH	4,800	366	-	-	-	-
SPANISH MACKEREL	110,900	16,635	-	-	-	-
SPOT	1,934,400	127,582	-	-	-	-
STRIPED BASS	201,400	36,320	65,000	11,700	-	-
STURGEON	5,900	885	-	-	-	-
SUCKERS	100	4	-	-	-	-
WHITE PERCH	36,100	3,610	-	-	-	-
YELLOW PERCH	2,800	168	-	-	-	-
SHRIMP	-	-	-	-	125,000	$24,637
TURTLES, SNAPPER	4,800	864	-	-	-	-
TOTAL	7,408,000	581,358	284,323,900	3,309,103	125,000	24,637

SPECIES	OTTER TRAWLS		POUND NETS		FYKE NETS		POTS AND TRAPS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	-	-	11,766,000	$117,660	4,000	$40	-	-
BLUEFISH	10,000	$800	12,400	1,860	-	-	-	-
BUTTERFISH	188,400	15,064	55,800	4,464	-	-	-	-
CARP	-	-	80,300	2,409	148,200	4,446	12,500	$375
CATFISH AND BULLHEADS	-	-	211,000	16,880	90,000	7,200	937,600	75,008
CROAKER	2,185,100	172,893	56,200	3,682	-	-	-	-
DRUM, BLACK	14,100	846	-	-	-	-	-	-
EELS, COMMON	-	-	100	4	-	-	99,000	3,952
FLOUNDERS	1,156,400	132,754	66,100	7,932	-	-	-	-
HARVESTFISH	10,400	724	36,400	2,524	-	-	-	-
HICKORY SHAD	-	-	41,800	2,508	-	-	-	-
KING WHITING OR "KINGFISH"	499,500	42,665	15,200	1,216	-	-	-	-
MACKEREL	3,100	620	-	-	-	-	-	-
PIGFISH	6,500	325	200	12	-	-	-	-
SAND PERCH	33,900	1,017	-	-	-	-	-	-
SCUP OR PORGY	25,000	1,996	-	-	-	-	-	-
SEA BASS	21,400	2,140	-	-	-	-	-	-
SEA TROUT OR WEAKFISH:								
GRAY	2,147,600	107,411	60,600	3,948	-	-	-	-
SPOTTED	-	-	15,600	3,900	-	-	-	-
SHAD	-	-	215,700	53,925	-	-	-	-
SPANISH MACKEREL	-	-	8,100	1,215	-	-	-	-
SPOT	156,500	6,260	10,800	648	-	-	-	-
STRIPED BASS	-	-	121,800	22,090	-	-	-	-
STURGEON	1,000	150	9,800	1,470	-	-	-	-
SWELLFISH	252,800	7,584	-	-	-	-	-	-
TILEFISH	100	8	-	-	-	-	-	-
WHITE PERCH	-	-	297,800	29,780	9,000	900	-	-
YELLOW PERCH	-	-	5,400	324	33,700	2,022	-	-
UNCLASSIFIED, FOR BAIT, REDUCTION, AND ANIMAL FOOD	2,013,300	20,133	-	-	-	-	-	-
CRABS, BLUE:								
HARD	1,755,000	72,200	-	-	-	-	6,736,800	404,208
SOFT AND PEELER	119,900	35,970	-	-	-	-	-	-
SHRIMP	6,252,800	1,388,836	-	-	-	-	-	-
OCTOPUS	5,000	200	-	-	-	-	-	-
SQUID	8,700	522	-	-	-	-	-	-
TURTLES, SNAPPER	-	-	-	-	-	-	3,100	558
TOTAL	16,866,500	2,011,118	13,087,100	278,451	284,900	14,608	7,789,000	484,101

(CONTINUED ON NEXT PAGE)

NORTH CAROLINA - CATCH BY GEAR, 1959 - Continued

SPECIES	GILL NETS							
	ANCHOR		DRIFT		RUNAROUND		STAKE	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	1,216,600	$12,166	7,300	$73	-	-	567,100	$5,671
BLUEFISH	30,000	4,500	-	-	122,700	$17,655	29,300	4,371
BUTTERFISH	4,500	360	-	-	-	-	5,500	440
CARP	17,600	528	-	-	-	-	6,100	183
CATFISH AND BULLHEADS	44,600	3,568	-	-	-	-	13,900	1,112
CROAKER	14,800	1,480	-	-	16,500	1,650	44,300	1,244
FLOUNDERS	2,100	252	-	-	-	-	700	84
HICKORY SHAD	16,700	1,002	800	48	-	-	32,200	1,932
KING MACKEREL	-	-	-	-	4,500	900	-	-
KING WHITING OR "KINGFISH"	66,400	7,553	-	-	24,700	2,764	26,300	3,156
MULLET	85,700	7,713	15,000	1,350	482,500	42,675	176,000	16,263
PIGFISH	-	-	-	-	33,600	2,016	600	36
PIKE OR PICKEREL	100	12	-	-	-	-	-	-
SEA TROUT OR WEAKFISH:								
GRAY	76,400	6,120	-	-	137,400	10,992	49,300	3,944
SPOTTED	12,900	3,225	1,400	350	59,900	14,975	31,800	7,950
SHAD	45,500	11,375	36,700	9,175	-	-	81,100	20,275
SPANISH MACKEREL	200	30	-	-	25,500	3,825	2,900	435
SPOT	55,000	4,400	-	-	79,700	6,136	28,500	2,020
STRIPED BASS	435,000	78,400	1,000	186	-	-	47,300	8,760
STURGEON	600	90	300	45	1,600	240	200	30
SUCKERS	400	16	-	-	-	-	-	-
WHITE PERCH	70,200	7,020	700	70	-	-	28,500	2,850
YELLOW PERCH	2,500	690	-	-	-	-	700	42
TOTAL	2,197,800	150,500	63,200	11,297	988,600	103,828	1,172,300	80,798

SPECIES	LINES					
	HAND		LONG OR SET WITH HOOKS		TROT WITH BAITS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CATFISH AND BULLHEADS	-	-	65,900	$5,272	-	-
DRUM, BLACK	200	$12	-	-	-	-
GROUPERS	8,700	630	-	-	-	-
JEWFISH	600	44	-	-	-	-
KING MACKEREL	22,500	4,500	-	-	-	-
KING WHITING OR "KINGFISH"	1,800	216	-	-	-	-
SCUP OR PORGY	9,000	720	-	-	-	-
SEA BASS	19,500	1,950	-	-	-	-
SNAPPER, RED	15,400	4,171	-	-	-	-
SPANISH MACKEREL	8,800	1,320	-	-	-	-
TILEFISH	200	20	-	-	-	-
CRABS, BLUE, HARD	-	-	-	-	5,866,900	$352,014
TOTAL	86,700	13,583	65,900	5,272	5,866,900	352,014

SPECIES	DIP NETS		SPEARS		DREDGES	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FLOUNDERS	-	-	116,300	$20,334	-	-
CRABS, BLUE:						
HARD	-	-	-	-	380,200	$22,812
SOFT AND PEELER	4,500	$1,350	-	-	-	-
CLAMS, HARD, PUBLIC	-	-	-	-	120,900	48,360
OYSTERS, MARKET, PUBLIC:						
SPRING	-	-	-	-	262,200	141,588
FALL	-	-	-	-	519,800	280,692
SCALLOPS:						
BAY	18,300	7,314	-	-	100,000	40,000
CALICO	-	-	-	-	6,500	2,600
TOTAL	22,800	8,664	116,300	20,334	1,389,600	536,052

SPECIES	TONGS		RAKES		BY HAND	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CLAMS, HARD, PUBLIC	-	-	218,600	$87,440	-	-
OYSTERS, MARKET:						
PUBLIC:						
SPRING	72,800	$26,262	-	-	90,000	$22,935
FALL	126,700	49,568	-	-	142,700	36,197
PRIVATE:						
SPRING	20,400	7,450	-	-	13,500	3,665
FALL	31,500	11,110	-	-	31,400	8,140
SCALLOPS, BAY	-	-	10,000	4,000	-	-
TOTAL	251,400	94,390	228,600	91,440	277,600	70,937

SOUTH ATLANTIC FISHERIES

SOUTH CAROLINA

OPERATING UNITS BY GEAR, 1959

ITEM	HAUL SEINES, COMMON	PURSE SEINES, MENHADEN	OTTER TRAWLS			POTS AND TRAPS	
			CRAB	FISH	SHRIMP	CRAB	FISH
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS.	-	88	73	4	548	-	-
ON BOATS AND SHORE:							
REGULAR	-	-	20	-	264	73	35
CASUAL.	472	-	-	-	-	-	-
TOTAL	472	88	93	4	812	73	35
VESSELS, MOTOR.	-	4	37	2	264	-	-
NET TONNAGE	-	265	303	62	3,433	-	-
BOATS:							
MOTOR	12	-	10	-	167	73	35
OTHER	14	-	-	-	-	-	-
ACCESSORY BOATS	-	12	-	-	-	-	-
GEAR:							
NUMBER.	26	4	47	2	536	4,755	1,750
LENGTH, YARDS	6,200	1,600	-	-	-	-	-
YARDS AT MOUTH.	-	-	860	56	9,352	-	-

ITEM	GILL NETS			LINES		
	ANCHOR	DRIFT, SHAD	STAKE	HAND	LONG OR SET WITH HOOKS	TROT WITH BAITS
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS.	-	-	-	10	-	-
ON BOATS AND SHORE:						
REGULAR	14	-	-	20	10	163
CASUAL.	110	108	42	30	12	-
TOTAL	124	108	42	60	22	163
VESSELS, MOTOR.	-	-	-	1	-	-
NET TONNAGE	-	-	-	28	-	-
BOATS:						
MOTOR	124	108	42	7	16	101
OTHER	-	-	-	-	-	35
GEAR:						
NUMBER.	267	108	42	60	16	136
SQUARE YARDS.	35,174	13,976	7,709	-	-	-
HOOKS OR BAITS.	-	-	-	120	4,000	102,000

ITEM	CAST NETS	SPEARS	GRABS, OYSTER	RAKES	BY HAND, OYSTER	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS.	-	-	-	-	-	638
ON BOATS AND SHORE:						
REGULAR	-	20	198	10	115	752
CASUAL.	41	5	20	24	24	832
TOTAL	41	25	218	34	139	2,222
VESSELS, MOTOR.	-	-	-	-	-	269
NET TONNAGE	-	-	-	-	-	3,705
BOATS:						
MOTOR	37	15	164	29	99	886
OTHER	4	-	54	5	40	122
ACCESSORY BOATS	-	-	-	-	-	12
GEAR, NUMBER.	41	25	218	34	-	-

SOUTH CAROLINA - CATCH BY GEAR, 1959

SPECIES	HAUL SEINES		PURSE SEINES		OTTER TRAWLS		POTS AND TRAPS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUEFISH	1,300	$156	-	-	-	-	-	-
CATFISH AND BULLHEADS	-	-	-	-	-	-	186,900	$16,821
CROAKER	-	-	-	-	9,000	$430	-	-
FLOUNDERS	-	-	-	-	29,500	5,900	-	-
KING WHITING OR "KINGFISH"	-	-	-	-	66,500	3,455	-	-
MENHADEN	-	-	3,991,200	$28,737	-	-	-	-
MULLET	2,548,100	152,886	-	-	-	-	-	-
POMPANO	12,900	3,858	-	-	400	80	-	-
SEA TROUT OR WEAKFISH:								
GRAY	-	-	-	-	5,600	370	-	-
SPOTTED	8,800	2,200	-	-	-	-	-	-
SHAD	10,900	3,488	-	-	-	-	-	-
SHARKS	700	70	-	-	300	30	-	-
SPOT	1,819,200	72,768	-	-	21,500	860	-	-
UNCLASSIFIED, FOR BAIT, REDUCTION, AND ANIMAL FOOD	24,000	240	-	-	166,300	1,663	-	-
CRABS, BLUE, HARD	-	-	-	-	1,195,500	47,820	1,839,700	110,382
SHRIMP	-	-	-	-	7,397,100	1,896,496	-	-
TOTAL	4,425,900	235,666	3,991,200	28,737	8,891,700	1,957,104	2,026,600	127,203

SPECIES	GILL NETS					
	ANCHOR		DRIFT		STAKE	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
HICKORY SHAD	-	-	-	-	100	$2
SHAD	17,400	$5,568	21,300	$6,816	30,800	9,856
STURGEON	-	-	-	-	33,300	4,995
TOTAL	17,400	5,568	21,300	6,816	64,200	14,853

SPECIES	LINES						CAST NETS	
	HAND		LONG OR SET WITH HOOKS		TROT WITH BAITS			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CARP	-	-	600	$42	-	-	-	-
CATFISH AND BULLHEADS	-	-	20,500	1,845	-	-	-	-
DRUM, BLACK	2,000	$300	-	-	-	-	-	-
GROUPERS	2,500	300	-	-	-	-	-	-
KING MACKEREL	600	120	-	-	-	-	-	-
MULLET	-	-	-	-	-	-	200	$10
SEA BASS	37,300	5,524	-	-	-	-	-	-
SEA TROUT OR WEAKFISH, GRAY	1,000	100	-	-	-	-	-	-
SHARKS	10,000	1,000	-	-	-	-	-	-
SNAPPER, RED	18,200	4,550	-	-	-	-	-	-
CRABS, BLUE, HARD	-	-	-	-	1,737,200	$104,232	-	-
SHRIMP	-	-	-	-	-	-	117,600	20,067
TOTAL	71,600	11,894	21,100	1,887	1,737,200	104,232	117,800	20,077

SPECIES	SPEARS		GRABS		RAKES		BY HAND	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
SEA TROUT OR WEAKFISH, SPOTTED	27,900	$5,805	-	-	-	-	-	-
CLAMS, HARD, PUBLIC	-	-	-	-	111,000	$36,630	-	-
OYSTERS, MARKET, PRIVATE:								
SPRING	-	-	930,800	$183,352	-	-	168,300	$34,571
FALL	-	-	680,700	133,241	-	-	138,500	28,085
TOTAL	27,900	5,805	1,611,500	316,593	111,000	36,630	306,800	62,656

SOUTH ATLANTIC FISHERIES
GEORGIA

OPERATING UNITS BY GEAR, 1959

ITEM	HAUL SEINES, COMMON	OTTER TRAWLS		POTS AND TRAPS	
		CRAB	SHRIMP	CRAB	FISH
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS.	-	120	667	-	-
ON BOATS AND SHORE:					
REGULAR	3	20	200	155	23
CASUAL.	14	-	239	-	44
TOTAL	17	140	1,106	155	67
VESSELS, MOTOR.	-	60	328	-	-
NET TONNAGE	-	649	4,618	-	-
BOATS:					
MOTOR	6	10	266	135	61
OTHER	-	-	-	-	4
GEAR:					
NUMBER.	6	70	713	9,716	383
LENGTH, YARDS	925	-	-	-	-
YARDS AT MOUTH.	-	1,394	10,134	-	-

ITEM	GILL NETS			LINES		
	ANCHOR	DRIFT, SHAD	STAKE	HAND	LONG OR SET WITH HOOKS	TROT WITH BAITS
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:						
REGULAR	25	132	7	-	14	4
CASUAL.	42	353	129	45	95	-
TOTAL	67	485	136	45	109	4
BOATS:						
MOTOR	45	370	99	28	105	4
OTHER	-	12	2	-	-	-
GEAR:						
NUMBER.	52	392	121	45	499	4
SQUARE YARDS.	34,370	193,295	22,630	-	-	-
HOOKS OR BAITS.	-	-	-	90	25,050	2,750

ITEM	DIP NETS, DROP	CAST NETS	DREDGES, OYSTER, COMMON	GRABS, OYSTER	BY HAND, OYSTER	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS.	-	-	12	-	-	673
ON BOATS AND SHORE:						
REGULAR	18	-	-	29	40	496
CASUAL.	-	5	-	9	9	721
TOTAL	18	5	12	38	49	1,890
VESSELS, MOTOR.	-	-	4	-	-	329
NET TONNAGE	-	-	40	-	-	4,625
BOATS:						
MOTOR	18	5	-	22	15	887
OTHER	-	-	-	16	34	48
GEAR:						
NUMBER.	1,080	5	4	38	-	-
YARDS AT MOUTH.	-	-	8	-	-	-

GEORGIA - CATCH BY GEAR, 1959

SPECIES	HAUL SEINES		OTTER TRAWLS		POTS AND TRAPS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN	-	-	-	-	1,500	$90
CARP	-	-	-	-	100	6
CATFISH AND BULLHEADS	-	-	-	-	39,100	5,474
EELS, COMMON	-	-	-	-	1,300	104
FLOUNDERS	2,900	$580	54,100	$5,410	-	-
KING WHITING OR "KINGFISH"	-	-	213,800	17,104	-	-
SEA BASS	-	-	400	40	-	-
SEA TROUT, SPOTTED	200	50	-	-	-	-
SPOT	-	-	300	18	-	-
UNCLASSIFIED, FOR BAIT, REDUCTION, AND ANIMAL FOOD	-	-	279,000	5,244	-	-
CRABS, BLUE, HARD	-	-	4,192,600	125,868	7,908,200	434,951
SHRIMP	-	-	7,597,500	1,835,682	-	-
TOTAL	3,100	630	12,337,700	1,989,366	7,950,200	440,625

SPECIES	GILL NETS					
	ANCHOR		DRIFT		STAKE	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN	-	-	2,500	$150	-	-
HICKORY SHAD	-	-	4,400	352	-	-
SHAD	28,200	$8,742	287,500	89,125	75,000	$23,219
STURGEON	1,800	360	900	180	800	160
SUCKERS	-	-	300	15	-	-
TOTAL	30,000	9,102	295,600	89,822	75,800	23,379

SPECIES	LINES						DIP NETS	
	HAND		LONG OR SET WITH HOOKS		TROT WITH BAITS			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CATFISH AND BULLHEADS	-	-	65,700	$9,198	-	-	-	-
SEA TROUT, SPOTTED	100	$25	-	-	-	-	-	-
STRIPED BASS	200	40	-	-	-	-	-	-
CRABS, BLUE, HARD	-	-	-	-	283,500	$15,594	298,200	$16,401
TOTAL	300	65	65,700	9,198	283,500	15,594	298,200	16,401

SPECIES	CAST NETS		DREDGES		GRABS		BY HAND	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
MULLET	900	$90	-	-	-	-	-	-
SHRIMP	4,700	1,260	-	-	-	-	-	-
OYSTERS, MARKET, PRIVATE:								
SPRING	-	-	128,800	$32,200	44,500	$10,363	44,500	$10,366
FALL	-	-	-	-	15,100	4,004	15,100	4,004
TOTAL	5,600	1,350	128,800	32,200	59,600	14,367	59,600	14,370

SOUTH ATLANTIC FISHERIES
FLORIDA, EAST COAST

OPERATING UNITS BY GEAR, 1959

ITEM	HAUL SEINES, COMMON	PURSE SEINES, MENHADEN	OTTER TRAWLS, SHRIMP	POUND NETS	FYKE NETS, FISH	POTS AND TRAPS		
						CRAB	FISH	LOBSTER, SPINY
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:								
ON VESSELS.	-	154	984	-	-	-	-	11
ON BOATS AND SHORE:								
REGULAR	117	-	50	3	12	128	152	107
CASUAL.	-	-	-	-	-	7	-	5
TOTAL	117	154	1,034	3	12	135	152	123
VESSELS, MOTOR.	-	7	431	-	-	-	-	4
NET TONNAGE	-	525	7,802	-	-	-	-	31
BOATS:								
MOTOR	26	-	29	2	8	135	152	74
OTHER	27	-	-	-	-	-	-	-
ACCESSORY BOATS	-	21	-	-	-	-	-	-
GEAR:								
NUMBER.	24	7	604	7	320	14,835	4,560	18,100
LENGTH, YARDS	10,563	2,800	-	-	-	-	-	-
YARDS AT MOUTH.	-	-	11,769	-	-	-	-	-

ITEM	GILL NETS			TRAMMEL NETS	LINES		
	ANCHOR	DRIFT	RUNAROUND		HAND	TROLL	LONG OR SET WITH HOOKS
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS.	-	-	22	-	150	7	-
ON BOATS AND SHORE:							
REGULAR	5	102	505	45	382	322	299
CASUAL.	-	2	13	-	946	323	71
TOTAL	5	104	540	45	1,478	652	370
VESSELS, MOTOR.	-	-	7	-	53	3	-
NET TONNAGE	-	-	53	-	514	20	-
BOATS:							
MOTOR	3	67	263	32	731	492	370
OTHER	-	14	79	-	-	-	-
GEAR:							
NUMBER.	5	95	354	32	1,488	823	510
HOOKS	-	-	-	-	1,585	823	437,444
SQUARE YARDS.	4,500	130,400	492,800	35,700	-	-	-

ITEM	LINES - CONTINUED	DIP NETS, COMMON	CAST NETS	TONGS, OYSTER	BY HAND		TOTAL, EXCLUSIVE OF DUPLICATION
	TROT WITH BAITS				OYSTER	OTHER	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS.	-	-	-	-	-	-	1,246
ON BOATS AND SHORE:							
REGULAR	3	2	21	5	10	5	1,584
CASUAL.	-	-	12	-	1	-	1,099
TOTAL	3	2	33	5	11	5	3,929
VESSELS, MOTOR.	-	-	-	-	-	-	471
NET TONNAGE	-	-	-	-	-	-	8,469
BOATS:							
MOTOR	3	2	23	3	11	5	1,690
OTHER	-	-	1	-	-	-	107
ACCESSORY BOATS	-	-	-	-	-	-	21
GEAR:							
NUMBER.	3	2	28	5	-	-	-
BAITS	4,800	-	-	-	-	-	-

NOTE:--INCLUDES OPERATING UNITS FOR THE INLAND LAKES OF FLORIDA.

FLORIDA, EAST COAST - CATCH BY GEAR, 1959

SPECIES	HAUL SEINES		PURSE SEINES		OTTER TRAWLS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	3,000	$90	-	-	-	-
BALLYHOO	5,400	756	-	-	-	-
BLUERUNNER	900	54	-	-	-	-
CATFISH AND BULLHEADS	56,300	7,882	-	-	-	-
CROAKER	900	90	-	-	3,000	$300
DRUM:						
BLACK	37,600	3,271	-	-	-	-
RED	10,300	1,514	-	-	-	-
FLOUNDERS	15,500	2,558	-	-	90,600	14,949
KING WHITING OR "KINGFISH"	305,600	26,893	-	-	792,900	69,776
MENHADEN	7,500	172	46,141,500	$350,698	-	-
MOJARRA	45,400	3,087	-	-	-	-
POMPANO	500	281	-	-	-	-
SEA CATFISH	27,900	1,953	-	-	-	-
SHAD	361,600	43,392	-	-	-	-
SHEEPSHEAD, SALT-WATER	800	66	-	-	-	-
SNAPPER, WHITE	900	63	-	-	-	-
SPOT	22,400	2,039	-	-	104,300	9,491
STURGEON	-	-	-	-	100	15
SHRIMP	-	-	-	-	4,503,800	1,358,140
SQUID	-	-	-	-	2,000	300
TURTLES, LOGGERHEAD	-	-	-	-	4,000	600
TOTAL	902,500	94,161	46,141,500	350,698	5,500,700	1,453,571

SPECIES	POUND NETS		FYKE NETS		POTS AND TRAPS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CATFISH AND BULLHEADS	106,700	$14,938	112,500	$15,750	2,211,200	$309,568
SHAD	3,500	420	-	-	-	-
CRABS:						
BLUE, HARD	-	-	-	-	6,602,700	336,738
STONE	-	-	-	-	70,200	23,166
LOBSTERS, SPINY	-	-	-	-	543,000	176,476
TOTAL	110,200	15,358	112,500	15,750	9,427,100	845,948

SPECIES	GILL NETS					
	ANCHOR		DRIFT		RUNAROUND	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	-	-	-	-	13,300	$399
BLUEFISH	-	-	61,000	$6,466	846,200	89,698
BLUERUNNER	-	-	2,000	120	41,400	2,484
CREVALLE	-	-	-	-	30,900	988
CROAKER	-	-	-	-	42,800	4,280
DOLPHIN	-	-	-	-	1,400	182
DRUM:						
BLACK	-	-	-	-	7,700	671
RED	-	-	-	-	44,700	6,573
FLOUNDERS	-	-	-	-	100	16
GRUNTS	-	-	-	-	900	68
KING MACKEREL	-	-	-	-	15,900	1,828
KING WHITING OR "KINGFISH"	-	-	8,400	739	31,100	2,736
MENHADEN	-	-	64,900	1,492	423,000	9,729
MOJARRA	-	-	-	-	8,100	551
MULLET:						
BLACK	-	-	8,400	420	2,572,500	128,625
SILVER	-	-	-	-	144,200	12,256
PERMIT	-	-	-	-	500	50
PIGFISH	-	-	-	-	2,000	160
POMPANO	-	-	4,200	2,360	35,900	20,177
SEA CATFISH	-	-	-	-	2,400	168
SEA TROUT OR WEAKFISH:						
GRAY	2,200	$255	-	-	26,800	3,108
SPOTTED	6,900	1,656	83,000	19,920	610,700	146,568
SHAD	15,600	1,872	152,600	18,312	6,200	744
SHEEPSHEAD, SALT-WATER	-	-	-	-	19,500	1,618
SNAPPER, MANGROVE	-	-	-	-	5,900	1,003
SPANISH MACKEREL	-	-	102,100	9,189	2,079,800	187,182
SPOT	-	-	-	-	817,900	74,430
TENPOUNDER	-	-	-	-	500	16
TOTAL	24,700	3,783	486,600	59,018	7,832,300	696,308

(CONTINUED ON NEXT PAGE)

FLORIDA, EAST COAST - CATCH BY GEAR, 1959 - Continued

SPECIES	TRAMMEL NETS		LINES			
			HAND		TROLL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
AMBERJACK	-	-	37,200	$1,860	11,900	$595
ANGELFISH	-	-	500	25	-	-
BARRACUDA	-	-	-	-	3,300	132
BLUEFISH	107,600	$11,405	85,400	9,052	183,500	19,451
BLUERUNNER	4,500	270	31,400	1,884	6,900	414
BONITO	-	-	-	-	3,300	198
CABIO	-	-	8,400	840	-	-
CREVALLE	-	-	80,700	2,583	-	-
CROAKER	-	-	38,800	3,880	-	-
DOLPHIN	-	-	2,400	312	7,100	923
DRUM:						
BLACK	-	-	16,400	1,427	-	-
RED	100	15	76,100	11,187	-	-
FLOUNDERS	-	-	2,700	446	-	-
GROUPERS	-	-	191,600	22,418	-	-
GRUNTS	-	-	34,000	2,550	-	-
HOGFISH	-	-	5,400	946	-	-
JEWFISH	-	-	9,000	720	-	-
KING MACKEREL	3,400	391	16,500	1,898	2,159,900	248,388
KING WHITING OR "KINGFISH"	100	9	6,900	608	-	-
MOJARRA	-	-	56,200	3,821	-	-
MULLET, BLACK	15,800	790	-	-	-	-
PERMIT	-	-	800	80	-	-
PIGFISH	-	-	600	48	-	-
POMPANO	70,400	39,565	4,600	2,585	-	-
SEA BASS	-	-	45,500	5,233	-	-
SEA CATFISH	-	-	500	35	-	-
SEA TROUT OR WEAKFISH:						
GRAY	800	93	2,500	289	1,200	139
SPOTTED	3,500	840	53,600	12,864	10,500	2,520
SHEEPSHEAD, SALT-WATER	700	58	25,400	2,109	-	-
SNAPPER:						
MANGROVE	-	-	39,000	6,630	-	-
MUTTONFISH	-	-	35,500	7,065	-	-
RED	-	-	629,100	174,890	-	-
VERMILION	-	-	1,300	312	-	-
WHITE	-	-	5,100	357	-	-
YELLOWTAIL	-	-	86,400	22,464	-	-
SPANISH MACKEREL	17,000	1,530	57,600	5,184	95,700	8,613
SPOT	-	-	87,700	7,981	-	-
STURGEON	-	-	100	15	-	-
TENPOUNDER	-	-	500	15	-	-
TRIGGERFISH	-	-	2,800	153	-	-
TRIPLETAIL	-	-	800	48	-	-
WARSAW	-	-	13,600	1,224	-	-
TOTAL	223,900	54,966	1,792,600	316,038	2,483,300	281,373

SPECIES	LINES - CONTINUED				DIP NETS	
	LONG OR SET WITH HOOKS		TROT WITH BAITS			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CATFISH AND BULLHEADS	5,948,800	$832,832	-	-	-	-
CRABS, BLUE, HARD	-	-	9,700	$495	200	$10
TOTAL	5,948,800	832,832	9,700	495	200	10

SPECIES	CAST NETS		TONGS		BY HAND	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
MULLET:						
BLACK	14,200	$710	-	-	-	-
SILVER	3,600	306	-	-	-	-
SHRIMP	7,500	2,262	-	-	-	-
CLAMS, HARD:						
PUBLIC	-	-	-	-	500	$160
PRIVATE	-	-	-	-	900	288
OYSTERS, MARKET:						
PUBLIC:						
SPRING	-	-	500	$153	7,600	2,326
FALL	-	-	10,600	3,243	5,800	1,775
PRIVATE:						
SPRING	-	-	2,500	765	2,000	612
FALL	-	-	7,600	2,326	3,400	1,041
TOTAL	25,300	3,278	21,200	6,487	20,200	6,202

NOTE:--INCLUDES THE CATCH FOR THE INLAND LAKES OF FLORIDA.

SOUTH ATLANTIC FISHERIES

SUPPLEMENTARY TABLES

FLORIDA - OPERATING UNITS BY DISTRICTS, 1959

ITEM	EAST COAST	WEST COAST	INLAND LAKES	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:				
ON VESSELS	1,246	3,675	-	4,430
ON BOATS AND SHORE:				
REGULAR	1,297	2,667	287	4,251
CASUAL	1,068	1,406	31	2,505
TOTAL	3,611	7,748	318	11,186
VESSELS, MOTOR	471	1,301	-	1,567
NET TONNAGE	8,469	29,234	-	33,358
BOATS:				
MOTOR	1,372	2,908	318	4,598
OTHER	107	453	-	560
ACCESSORY BOATS	21	24	-	45
GEAR:				
HAUL SEINES, COMMON	24	48	-	72
LENGTH, YARDS	10,563	36,650	-	47,213
PURSE SEINES, MENHADEN	7	3	-	10
LENGTH, YARDS	2,800	1,200	-	4,000
LAMPARA NETS	-	3	-	3
LENGTH, YARDS	-	600	-	600
OTTER TRAWLS, SHRIMP	604	2,018	-	2,297
YARDS AT MOUTH	11,769	32,733	-	38,892
POUND NETS	7	-	-	7
FYKE NETS, FISH	320	-	-	320
POTS AND TRAPS:				
CRAB	14,835	39,720	-	54,555
FISH	3,310	90	1,250	4,650
SPINY LOBSTER	18,100	33,612	-	51,712
GILL NETS:				
ANCHOR	5	-	-	5
SQUARE YARDS	4,500	-	-	4,500
DRIFT	95	27	-	122
SQUARE YARDS	130,400	80,300	-	210,700
RUNAROUND	354	1,041	-	1,395
SQUARE YARDS	492,800	1,213,545	-	1,706,345
STAKE	-	4	-	4
SQUARE YARDS	-	1,600	-	1,600
TRAMMEL NETS	32	273	-	305
SQUARE YARDS	35,700	381,760	-	417,460
LINES:				
HAND	1,488	2,804	-	4,285
HOOKS	1,585	3,559	-	5,133
TROLL	823	1,053	-	1,876
HOOKS	823	1,053	-	1,876
LONG OR SET WITH HOOKS	112	18	398	528
HOOKS	99,000	8,549	338,444	445,993
TROT WITH BAITS	3	95	-	98
BAITS	4,800	63,500	-	68,300
DIP NETS:				
COMMON	2	33	-	35
DROP	-	100	-	100
CAST NETS	28	27	-	55
SPEARS	-	23	-	23
DREDGES, SCALLOP	-	69	-	69
YARDS AT MOUTH	-	74	-	74
TONGS:				
OYSTER	5	338	-	343
OTHER	-	3	-	3
FORKS	-	2	-	2
HOOKS, SPONGE	-	37	-	37
DIVING OUTFITS, SPONGE	-	8	-	8

FLORIDA - CATCH BY DISTRICTS, 1959

SPECIES	EAST COAST		WEST COAST	
FISH	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	16,300	$489	49,000	$2,450
AMBERJACK	49,100	2,455	12,500	387
ANGELFISH	500	25	-	-
BALLYHOO	5,400	756	117,600	16,464
BARRACUDA	3,300	132	6,100	244
BLUEFISH	1,283,700	136,072	900,300	99,934
BLUE RUNNER	87,100	5,226	636,500	25,460
BONITO	3,300	198	900	54
CABIO OR CRAB EATER	8,400	840	28,200	1,550
CATFISH AND BULLHEADS	2,844,600	398,244	329,100	46,074
CIGARFISH	-	-	295,900	23,377
CREVALLE	111,600	3,571	1,181,400	28,351
CROAKER	85,500	8,550	71,700	5,520
DOLPHIN	10,900	1,417	7,400	666
DRUM:				
BLACK	61,700	5,369	124,500	5,978
RED OR REDFISH	131,200	19,289	692,400	92,093
FLOUNDERS	108,900	17,969	142,600	21,390
GROUPERS	191,600	22,418	5,750,300	655,533
GRUNTS	34,900	2,618	200,900	14,063
HOGFISH	5,400	946	13,800	2,070
JEWFISH	9,000	720	65,100	3,906
KING MACKEREL	2,195,700	252,505	1,238,800	110,254
KING WHITING OR "KINGFISH"	1,145,000	100,761	61,600	4,312
MENHADEN	46,636,900	362,091	17,589,700	204,391
MOJARRA	109,700	7,459	253,700	17,509
MULLET:				
BLACK	2,610,900	130,545	30,644,300	1,746,719
SILVER	147,800	12,562	651,300	42,986
PERMIT	1,300	130	45,400	3,858
PIGFISH	2,600	208	15,200	1,216
POMPANO	115,600	64,968	410,500	237,268
SCUP OR PORGY	-	-	53,500	3,745
SEA BASS	45,500	5,233	900	108
SEA CATFISH	30,800	2,156	372,200	37,220
SEA TROUT OR WEAKFISH:				
GRAY	33,500	3,884	-	-
SPOTTED	768,200	184,368	2,771,200	629,060
WHITE	-	-	53,900	5,823
SHAD	539,500	64,740	-	-
SHARKS, UNCLASSIFIED	-	-	1,900	95
SHEEPSHEAD, SALT-WATER	46,400	3,851	113,200	9,056
SNAPPER:				
MANGROVE	44,900	7,633	288,200	44,959
MUTTONFISH	35,500	7,065	77,700	15,695
RED	629,100	174,890	5,399,800	1,420,148
VERMILION	1,300	312	2,200	528
WHITE	6,000	420	-	-
YELLOWTAIL	86,400	22,464	406,300	89,386
SPANISH MACKEREL	2,352,200	211,698	4,669,800	401,605
SPANISH SARDINES	-	-	400	8
SPOT	1,032,300	93,941	276,600	16,596
STURGEON	200	30	6,100	1,067
TENPOUNDER	1,000	31	178,900	5,546
TILEFISH	-	-	1,800	180
TRIGGERFISH	2,800	153	10,300	515
TRIPLETAIL	800	48	3,500	223
WARSAW	13,600	1,224	129,300	9,051
UNCLASSIFIED, FOR BAIT, REDUCTION, AND ANIMAL FOOD	-	-	4,913,800	49,138
TOTAL FISH	63,687,900	2,342,674	81,268,200	6,153,829
SHELLFISH, ETC.				
CRABS:				
BLUE:				
HARD	6,612,600	337,243	13,895,400	680,875
SOFT AND PEELER	-	-	3,200	1,600
STONE	70,200	23,166	255,700	99,618
TOTAL CRABS	6,682,800	360,409	14,154,300	782,093

(CONTINUED ON NEXT PAGE)

FLORIDA - CATCH BY DISTRICTS, 1959 - Continued

SPECIES	EAST COAST		WEST COAST	
SHELLFISH, ETC. - CONTINUED	POUNDS	VALUE	POUNDS	VALUE
LOBSTERS, SPINY	543,000	$176,476	2,636,600	$777,798
SHRIMP	4,511,300	1,360,402	32,252,500	9,751,986
CLAMS, HARD:				
PUBLIC	500	160	17,000	5,440
PRIVATE	900	288	-	-
CONCHS	-	-	17,800	4,272
OYSTERS, MARKET:				
PUBLIC:				
SPRING	8,100	2,479	635,800	181,838
FALL	16,400	5,018	479,100	137,023
PRIVATE:				
SPRING	4,500	1,377	171,900	49,163
FALL	11,000	3,367	128,200	36,665
TOTAL OYSTERS	40,000	12,241	1,415,000	404,689
SCALLOPS, BAY	-	-	81,800	19,290
SQUID	2,000	300	9,800	784
TURTLES:				
GREEN	-	-	6,700	1,005
LOGGERHEAD	4,000	600	100	15
SPONGES:				
GRASS	-	-	1,500	7,751
SHEEPSWOOL	-	-	24,000	273,765
YELLOW	-	-	1,800	8,029
TOTAL SHELLFISH, ETC.	11,784,500	1,910,876	50,618,900	12,036,917
GRAND TOTAL	75,472,400	4,253,550	131,887,100	18,190,746

SPECIES	INLAND LAKES		TOTAL	
FISH	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	-	-	65,300	$2,939
AMBERJACK	-	-	61,600	2,842
ANGELFISH	-	-	500	25
BALLYHOO	-	-	123,000	17,220
BARRACUDA	-	-	9,400	376
BLUEFISH	-	-	2,184,000	236,006
BLUE RUNNER	-	-	723,600	30,686
BONITO	-	-	4,200	252
CABIO OR CRAB EATER	-	-	36,600	2,390
CATFISH AND BULLHEADS	5,590,900	$782,726	8,764,600	1,227,044
CIGARFISH	-	-	295,900	23,377
CREVALLE	-	-	1,293,000	31,922
CROAKER	-	-	157,200	14,070
DOLPHIN	-	-	18,300	2,083
DRUM:				
BLACK	-	-	186,200	11,347
RED OR REDFISH	-	-	823,600	111,382
FLOUNDERS	-	-	251,500	39,359
GROUPERS	-	-	5,941,900	677,951
GRUNTS	-	-	235,800	16,681
HOGFISH	-	-	19,200	3,016
JEWFISH	-	-	74,100	4,626
KING MACKEREL	-	-	3,434,500	362,759
KING WHITING OR "KINGFISH"	-	-	1,206,600	105,073
MENHADEN	-	-	64,226,600	566,482
MOJARRA	-	-	363,400	24,968
MULLET:				
BLACK	-	-	33,255,200	1,877,264
SILVER	-	-	799,100	55,548
PERMIT	-	-	46,700	3,988
PIGFISH	-	-	17,800	1,424
POMPANO	-	-	526,100	302,236
SCUP OR PORGY	-	-	53,500	3,745
SEA BASS	-	-	46,400	5,341
SEA CATFISH	-	-	403,000	39,376
SEA TROUT OR WEAKFISH:				
GRAY	-	-	33,500	3,884
SPOTTED	-	-	3,539,400	813,428
WHITE	-	-	53,900	5,823

(CONTINUED ON NEXT PAGE)

FLORIDA - CATCH BY DISTRICTS, 1959 - Continued

SPECIES	INLAND LAKES		TOTAL	
FISH - CONTINUED	POUNDS	VALUE	POUNDS	VALUE
SHAD	-	-	539,500	$64,740
SHARKS, UNCLASSIFIED	-	-	1,900	95
SHEEPSHEAD, SALT-WATER	-	-	159,600	12,907
SNAPPER:				
MANGROVE	-	-	333,100	52,592
MUTTONFISH	-	-	113,200	22,760
RED	-	-	6,028,900	1,595,038
VERMILION	-	-	3,500	840
WHITE	-	-	6,000	420
YELLOWTAIL	-	-	492,700	111,850
SPANISH MACKEREL	-	-	7,022,000	613,303
SPANISH SARDINES	-	-	400	8
SPOT	-	-	1,308,900	110,537
STURGEON	-	-	6,300	1,097
TENPOUNDER	-	-	179,900	5,577
TILEFISH	-	-	1,800	180
TRIGGERFISH	-	-	13,100	668
TRIPLETAIL	-	-	4,300	271
WARSAW	-	-	142,900	10,275
UNCLASSIFIED, FOR BAIT, REDUCTION, AND ANIMAL FOOD	-	-	4,913,800	49,138
TOTAL FISH	5,590,900	$782,726	150,547,000	9,279,229
SHELLFISH, ETC.				
CRABS:				
BLUE:				
HARD	-	-	20,508,000	1,018,118
SOFT AND PEELER	-	-	3,200	1,600
STONE	-	-	325,900	122,784
TOTAL CRABS	-	-	20,837,100	1,142,502
LOBSTERS, SPINY	-	-	3,179,600	954,274
SHRIMP	-	-	36,763,800	11,112,388
CLAMS, HARD:				
PUBLIC	-	-	17,500	5,600
PRIVATE	-	-	900	288
CONCHS	-	-	17,800	4,272
OYSTERS, MARKET:				
PUBLIC:				
SPRING	-	-	643,900	184,317
FALL	-	-	495,500	142,041
PRIVATE:				
SPRING	-	-	176,400	50,540
FALL	-	-	139,200	40,032
TOTAL OYSTERS	-	-	1,455,000	416,930
SCALLOPS, BAY	-	-	81,800	19,290
SQUID	-	-	11,800	1,084
TURTLES:				
GREEN	-	-	6,700	1,005
LOGGERHEAD	-	-	4,100	615
SPONGES:				
GRASS	-	-	1,500	7,751
SHEEPSWOOL	-	-	24,000	273,765
YELLOW	-	-	1,800	8,029
TOTAL SHELLFISH, ETC.	-	-	62,403,400	13,947,793
GRAND TOTAL	5,590,900	782,726	212,950,400	23,227,022

SOUTH ATLANTIC SHRIMP FISHERY

Landings of shrimp at ports in the South Atlantic States during 1959 amounted to nearly 15.5 million pounds (heads-off) with a dockside value of 6.5 million dollars to the fishermen. Compared with the previous year, this was an increase of 15 percent in volume but a decline of 18 percent in value. Prices were down for all size categories of shrimp. The gain in volume resulted from sharply increased catches of brown and pink shrimp in North Carolina and white shrimp in South Carolina.

Georgia led the South Atlantic States in the production of shrimp with landings of slightly more than 4.5 million pounds (heads-off), followed by South Carolina (nearly 4.5 million pounds), North Carolina (3.8 million pounds), and the East Coast of Florida (2.7 million pounds). White shrimp accounted for 54 percent of the catch followed by brown shrimp with 38 percent and pink shrimp, 8 percent. A small catch of royal red shrimp, amounting to 4 thousand pounds, was also landed.

Shrimp with a heads-off count of 31-40 per pound predominated in the catch and accounted for 30 percent of the total, followed by 26-30 count with 18 percent, 21-25 count with 15 percent, and 41-50 count with 14 percent. Shrimp in the 15-20 count category accounted for only 4 percent of the South Atlantic catch. The remaining 19 percent was in sizes of over 50 per pound.

The severe decline in prices paid fishermen for shrimp in 1959 sharply reduced earnings of the fleet. This was reflected in curtailed construction of new vessels. Only 76 vessels, principally shrimp trawlers, received first documents as fishing craft in the South Atlantic States in 1959 compared with 135 the previous year.

The quantities shown in the following tables are based on the heads-off weight of the shrimp and are not directly comparable with the volume data published in the General Review, regional tables, or the Review of Certain Major Fisheries, which represent the round weight of the catch. The pounds of heads-off shrimp may be converted to heads-on weight by multiplying by 1.68. The common names of the species used in these tables are as follows: Brown Shrimp (*Penaeus aztecus*); Pink Shrimp (*Penaeus duorarum*); White Shrimp (*Penaeus setiferus*); and Royal Red Shrimp (*Hymenopenaeus robustus*).

Information on the landings of shrimp in the South Atlantic States contained in the following tables has previously been published in Current Fishery Statistics No. 2291. Monthly data on landings of shrimp in the Gulf States by species, size, volume, and landed value in each state; the number of fishing trips; days fished; and the catch by area, depth, and size of shrimp are included in Section 6 of this Digest.

SUMMARY OF SHRIMP LANDINGS, 1959

SIZE	BROWN		PINK		WHITE		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
15 - 20	441,921	$272,688	16,342	$9,479	224,558	$117,371	682,821	$399,538
21 - 25	504,775	273,124	50,470	27,207	1,836,939	975,226	2,392,184	1,275,557
26 - 30	992,324	497,609	111,532	50,087	1,707,979	815,453	2,811,835	1,363,149
31 - 40	2,295,950	1,035,449	346,642	144,819	2,053,764	923,018	4,696,356	2,103,286
41 - 50	1,012,547	350,521	209,634	72,726	1,003,881	361,377	2,226,062	784,624
51 - 67	470,143	102,111	303,492	62,638	813,305	216,759	1,586,940	381,508
68 AND OVER	142,472	24,815	250,473	40,519	686,338	152,239	1,079,283	217,573
TOTAL	5,860,132	2,556,317	1,288,585	407,475	8,326,764	3,561,443	15,475,481	6,525,235

NOTE:--THIS TABLE DOES NOT INCLUDE ROYAL RED AMOUNTING TO: SIZE 15 - 20, 2,000 POUNDS, VALUE $1,450; 31 - 40, 1,600 POUNDS, VALUE $1,000; 51 - 67, 400 POUNDS, VALUE $170.

NORTH CAROLINA SHRIMP LANDINGS, BY MONTHS, 1959

SPECIES AND SIZE	JANUARY		FEBRUARY		MARCH		APRIL		MAY	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
PINK:										
31 - 40. . . .	-	-	-	-	-	-	2,301	$1,497	56,609	$32,834
41 - 50. . . .	-	-	-	-	-	-	2,311	1,340	45,876	22,480
51 - 67. . . .	-	-	-	-	-	-	1,300	624	20,078	7,632
68 AND OVER. .	-	-	-	-	-	-	266	101	39,330	11,407
TOTAL . . .	-	-	-	-	-	-	6,178	3,562	161,893	74,353
TOTAL, 1959	-	-	-	-	-	-	6,178	3,562	161,893	74,353
TOTAL, 1958	125	$53	-	-	-	-	-	-	22,990	11,608

SPECIES AND SIZE	JUNE		JULY		AUGUST		SEPTEMBER	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BROWN:								
15 - 20. . . .	-	-	-	-	282,071	$174,883	159,768	$97,752
21 - 25. . . .	-	-	116,630	$71,145	116,575	60,619	51,285	24,104
26 - 30. . . .	-	-	119,422	60,905	130,206	58,595	6,255	2,377
31 - 40. . . .	125,235	$60,111	223,017	86,975	156,180	59,350	63,770	24,245
41 - 50. . . .	58,293	22,152	199,862	51,966	103,823	26,992	30,808	9,506
51 - 67. . . .	84,894	23,769	171,570	27,451	84,042	13,449	41,321	9,079
68 AND OVER. .	28,985	6,378	61,732	7,408	14,602	1,754	5,004	501
TOTAL . . .	297,407	112,410	892,233	305,850	887,499	395,642	358,211	167,564
PINK:								
21 - 25. . . .	-	-	10,684	6,517	-	-	-	-
26 - 30. . . .	-	-	14,246	7,265	-	-	-	-
31 - 40. . . .	51,979	24,949	21,368	8,333	-	-	-	-
41 - 50. . . .	38,495	14,629	10,684	2,777	-	-	-	-
51 - 67. . . .	42,198	11,815	30,865	4,939	-	-	-	-
68 AND OVER. .	23,132	5,089	30,864	3,704	-	-	17,437	3,487
TOTAL . . .	155,804	56,482	118,711	33,535	-	-	17,437	3,487
WHITE:								
31 - 40. . . .	-	-	-	-	-	-	13,081	5,494
41 - 50. . . .	-	-	-	-	-	-	13,882	4,744
TOTAL . . .	-	-	-	-	-	-	26,963	10,238
TOTAL, 1959	453,211	168,892	1,010,944	339,385	887,499	395,642	402,611	181,289
TOTAL, 1958	113,766	54,002	232,080	96,225	343,197	177,014	337,068	191,260

SPECIES AND SIZE	OCTOBER		NOVEMBER		DECEMBER		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BROWN:								
15 - 20. . . .	-	-	-	-	-	-	441,839	$272,635
21 - 25. . . .	-	-	-	-	-	-	284,490	155,868
26 - 30. . . .	-	-	-	-	-	-	255,883	121,877
31 - 40. . . .	-	-	-	-	-	-	568,202	230,681
41 - 50. . . .	-	-	-	-	-	-	392,786	110,616
51 - 67. . . .	-	-	-	-	-	-	381,827	73,748
68 AND OVER. .	-	-	-	-	-	-	110,323	16,041
TOTAL . . .	-	-	-	-	-	-	2,435,350	981,466
PINK:								
15 - 20. . . .	16,342	$9,479	-	-	-	-	16,342	9,479
21 - 25. . . .	39,786	20,690	-	-	-	-	50,470	27,207
26 - 30. . . .	7,488	3,294	89,723	$39,477	-	-	111,457	50,036
31 - 40. . . .	137,660	49,556	74,207	26,714	2,393	$861	346,517	144,746
41 - 50. . . .	69,580	19,483	40,226	11,263	2,187	613	209,359	72,585
51 - 67. . . .	132,453	23,841	75,306	13,554	1,292	233	303,492	62,638
68 AND OVER. .	80,311	9,636	57,405	6,888	1,728	207	250,473	40,519
TOTAL . . .	483,620	135,981	336,867	97,896	7,600	1,914	1,288,110	407,210
WHITE:								
26 - 30. . . .	813	359	-	-	-	-	813	359
31 - 40. . . .	26,783	9,642	3,913	1,409	-	-	43,777	16,545
41 - 50. . . .	-	-	8,804	2,465	700	196	23,386	7,405
51 - 67. . . .	-	-	3,586	645	700	126	4,286	771
68 AND OVER. .	-	-	-	-	700	84	700	84
TOTAL . . .	27,596	10,001	16,303	4,519	2,100	406	72,962	25,164
TOTAL, 1959	511,216	145,982	353,170	102,415	9,700	2,320	3,796,422	1,413,840
TOTAL, 1958	298,342	123,701	148,914	61,170	4,507	1,648	1,500,989	716,681

SEE NOTE ON PAGE 201.

SOUTH CAROLINA SHRIMP LANDINGS, BY MONTHS, 1959

SPECIES AND SIZE	JANUARY		FEBRUARY		MARCH	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
WHITE, 68 AND OVER						
TOTAL, 1958	15,500	$6,200	-	-	-	-

SPECIES AND SIZE	APRIL		MAY		JUNE	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BROWN:						
26 - 30	-	-	-	-	1,500	$975
31 - 40	-	-	-	-	49,900	27,445
41 - 50	-	-	-	-	95,840	43,128
51 - 67	-	-	-	-	28,969	7,242
TOTAL	-	-	-	-	176,209	78,790
WHITE:						
26 - 30	-	-	-	-	12,900	8,386
31 - 40	-	-	10,560	$6,336	138,778	76,328
41 - 50	-	-	-	-	74,606	33,573
51 - 67	-	-	-	-	4,000	1,000
TOTAL	-	-	10,560	6,336	230,284	119,287
TOTAL, 1959	-	-	10,560	6,336	406,493	198,077
TOTAL, 1958	-	-	-	-	268,127	91,163

SPECIES AND SIZE	JULY		AUGUST		SEPTEMBER	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BROWN:						
21 - 25	26,550	$15,399	97,763	$49,859	28,832	$14,993
26 - 30	130,300	66,454	261,047	120,081	14,000	6,580
31 - 40	602,866	265,261	187,528	76,886	-	-
41 - 50	258,361	93,010	24,000	7,200	-	-
51 - 67	6,175	1,358	-	-	-	-
TOTAL	1,024,252	441,482	570,338	254,026	42,832	21,573
WHITE:						
21 - 25	-	-	-	-	50,424	26,240
26 - 30	-	-	-	-	150,700	70,829
31 - 40	1,700	748	72,109	29,565	197,980	83,151
41 - 50	13,450	4,840	124,800	37,440	108,700	33,697
51 - 67	30,700	6,753	110,331	24,273	43,300	9,526
68 AND OVER	5,153	876	57,009	8,551	7,000	840
TOTAL	51,003	13,217	364,249	99,829	558,104	224,283
TOTAL, 1959	1,075,255	454,699	934,587	353,855	600,936	245,856
TOTAL, 1958	1,246,790	673,312	767,802	582,838	489,214	309,315

SPECIES AND SIZE	OCTOBER		NOVEMBER		DECEMBER		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BROWN:								
21 - 25	-	-	-	-	-	-	153,145	$80,251
26 - 30	-	-	-	-	-	-	406,847	194,090
31 - 40	-	-	-	-	-	-	840,294	369,592
41 - 50	-	-	-	-	-	-	378,201	143,338
51 - 67	-	-	-	-	-	-	35,144	8,600
TOTAL	-	-	-	-	-	-	1,813,631	795,871
WHITE:								
15 - 20	218,554	$113,648	-	-	-	-	218,554	113,648
21 - 25	414,500	194,815	-	-	17,056	$8,869	481,980	229,924
26 - 30	209,500	87,990	67,446	$35,072	91,681	43,090	532,227	245,367
31 - 40	121,000	41,140	97,500	45,825	55,380	23,259	695,007	306,352
41 - 50	-	-	152,500	64,050	-	-	474,056	173,600
51 - 67	-	-	-	-	-	-	188,331	41,552
68 AND OVER	-	-	-	-	-	-	69,162	10,267
TOTAL	963,554	437,593	317,446	144,947	164,117	75,218	2,659,317	1,120,710
TOTAL, 1959	963,554	437,593	317,446	144,947	164,117	75,218	4,472,948	1,916,581
TOTAL, 1958	431,032	274,999	223,836	140,582	19,197	12,577	3,461,498	2,090,986

SEE NOTE ON PAGE 201.

GEORGIA SHRIMP LANDINGS, BY MONTHS, 1959

SPECIES AND SIZE	JANUARY		FEBRUARY		MARCH	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
WHITE:						
21 - 25.	-	-	-	-	293	$190
31 - 40.	3,800	$2,280	185	$110	-	-
41 - 50.	2,686	1,458	-	-	-	-
51 - 67.	1,010	444	-	-	1,285	579
68 AND OVER.	26,637	8,790	20,603	6,800	17,340	5,721
TOTAL	34,133	12,972	20,788	6,910	18,918	6,490
TOTAL, 1959	34,133	12,972	20,788	6,910	18,918	6,490
TOTAL, 1958	64,675	29,554	13,110	7,327	8,983	3,814

SPECIES AND SIZE	APRIL		MAY		JUNE	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BROWN:						
26 - 30.	-	-	-	-	54,875	$37,041
31 - 40.	-	-	-	-	180,289	105,480
41 - 50.	-	-	-	-	69,275	35,654
51 - 67.	-	-	227	$80	19,750	8,065
68 AND OVER.	-	-	-	-	6,012	1,920
TOTAL	-	-	227	80	330,201	188,160
PINK:						
26 - 30.	75	$51	-	-	-	-
31 - 40.	125	73	-	-	-	-
41 - 50.	125	62	-	-	150	79
TOTAL	325	186	-	-	150	79
WHITE:						
21 - 25.	-	-	125	94	-	-
26 - 30.	-	-	22,475	15,283	8,850	6,196
31 - 40.	2,750	1,651	41,625	26,245	34,025	22,645
41 - 50.	4,825	2,519	9,906	5,344	-	-
51 - 67.	5,155	2,128	340	159	-	-
68 AND OVER.	10,694	3,741	-	-	-	-
TOTAL	23,424	10,039	74,471	47,125	42,875	28,841
ROYAL RED:						
15 - 20.	-	-	-	-	2,000	1,450
31 - 40.	-	-	-	-	1,600	1,000
51 - 67.	-	-	-	-	400	170
TOTAL	-	-	-	-	4,000	2,620
TOTAL, 1959	23,749	10,225	74,698	47,205	377,226	219,700
TOTAL, 1958	5,363	2,910	14,392	8,036	178,939	103,936

SEE NOTE ON PAGE 201.

(CONTINUED ON NEXT PAGE)

GEORGIA SHRIMP LANDINGS, BY MONTHS, 1959 - Continued

SPECIES AND SIZE	JULY		AUGUST		SEPTEMBER	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BROWN:						
21 - 25.	-	-	1,625	$860	13,175	$6,722
26 - 30.	119,175	$62,875	49,725	23,868	7,900	3,871
31 - 40.	380,525	179,958	124,475	51,642	5,275	2,321
41 - 50.	25,083	9,169	71,997	23,299	3,046	1,066
51 - 67.	775	217	-	-	-	-
TOTAL	525,558	252,219	247,822	99,669	29,396	13,980
WHITE:						
26 - 30.	28,125	14,905	15,175	7,284	188,225	94,113
31 - 40.	67,191	32,252	60,875	24,395	335,225	140,414
41 - 50.	-	-	44,000	13,737	56,000	18,393
51 - 67.	4,777	1,098	108,800	27,692	59,800	16,396
68 AND OVER.	7,795	1,559	77,343	17,789	94,920	21,833
TOTAL	107,888	49,814	306,193	90,897	734,170	291,149
TOTAL, 1959	633,446	302,033	554,015	190,566	763,566	305,129
TOTAL, 1958	1,172,310	659,145	730,591	472,992	1,085,942	608,821

SPECIES AND SIZE	OCTOBER		NOVEMBER		DECEMBER		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BROWN:								
21 - 25.	-	-	-	-	-	-	14,800	$7,582
26 - 30.	-	-	-	-	-	-	231,675	127,655
31 - 40.	-	-	-	-	-	-	690,564	339,401
41 - 50.	-	-	-	-	-	-	169,401	69,188
51 - 67.	-	-	-	-	-	-	20,752	8,362
68 AND OVER.	-	-	-	-	-	-	6,012	1,920
TOTAL	-	-	-	-	-	-	1,133,204	554,108
PINK:								
26 - 30.	-	-	-	-	-	-	75	51
31 - 40.	-	-	-	-	-	-	125	73
41 - 50.	-	-	-	-	-	-	275	141
TOTAL	-	-	-	-	-	-	475	265
WHITE:								
21 - 25.	168,925	$85,306	111,700	$56,966	21,300	$11,289	302,343	153,845
26 - 30.	357,000	157,080	129,400	56,936	5,225	2,508	754,475	354,305
31 - 40.	207,850	79,555	131,150	49,969	84,250	32,256	968,926	411,772
41 - 50.	52,600	15,969	87,175	26,326	79,425	24,593	336,617	108,339
51 - 67.	98,775	25,212	118,800	30,564	70,750	19,932	469,492	124,204
68 AND OVER.	30,575	6,725	60,815	13,380	208,584	41,236	555,306	127,574
TOTAL	915,725	369,847	639,040	234,141	469,534	131,814	3,387,159	1,280,039
ROYAL RED:								
15 - 20.	-	-	-	-	-	-	2,000	1,450
31 - 40.	-	-	-	-	-	-	1,600	1,000
51 - 67.	-	-	-	-	-	-	400	170
TOTAL	-	-	-	-	-	-	4,000	2,620
TOTAL, 1959	915,725	369,847	639,040	234,141	469,534	131,814	4,524,838	1,837,032
TOTAL, 1958	951,774	572,181	595,929	311,546	384,047	158,506	5,206,055	2,938,768

SEE NOTE ON PAGE 201.

FLORIDA, EAST COAST SHRIMP LANDINGS, BY MONTHS, 1959

SPECIES AND SIZE	JANUARY		FEBRUARY		MARCH		APRIL		MAY	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BROWN:										
41 - 50. . . .	-	-	-	-	-	-	-	-	185	$120
51 - 67. . . .	-	-	-	-	-	-	-	-	3,771	2,074
68 AND OVER. .	-	-	-	-	-	-	-	-	4,524	1,810
TOTAL . . .	-	-	-	-	-	-	-	-	8,480	4,004
WHITE:										
21 - 25. . . .	-	-	1,115	$914	-	-	68	$59	3,201	2,657
26 - 30. . . .	3,632	$2,543	1,261	993	438	$372	3,147	2,562	5,542	4,316
31 - 40. . . .	89,324	58,060	17,736	13,106	4,581	3,298	4,157	3,178	24,910	18,182
41 - 50. . . .	37,415	20,336	6,458	4,060	5,438	3,328	1,362	973	-	-
51 - 67. . . .	33,788	13,516	2,203	1,102	1,240	550	1,739	933	-	-
68 AND OVER. .	13,327	3,999	189	76	606	242	-	-	-	-
TOTAL . . .	177,486	98,454	28,962	20,251	12,303	7,790	10,473	7,705	33,653	25,155
TOTAL, 1959	177,486	98,454	28,962	20,251	12,303	7,790	10,473	7,705	42,133	29,159
TOTAL, 1958	188,046	141,079	119,147	97,078	42,576	32,753	3,980	3,366	4,727	4,076

SPECIES AND SIZE	JUNE		JULY		AUGUST		SEPTEMBER	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BROWN:								
15 - 20. . . .	-	-	-	-	82	$53	-	-
21 - 25. . . .	1,594	$1,164	1,780	$1,157	5,997	3,662	9,508	$5,705
26 - 30. . . .	4,154	2,908	13,052	7,831	49,232	27,201	13,367	7,352
31 - 40. . . .	45,173	23,489	118,692	56,971	24,811	11,661	6,093	2,742
41 - 50. . . .	29,943	11,379	22,187	8,430	5,640	1,973	10,789	4,316
51 - 67. . . .	4,924	1,723	15,143	5,149	4,067	1,055	-	-
68 AND OVER. .	10,007	2,201	6,486	1,557	2,713	625	627	163
TOTAL . . .	95,795	42,864	177,340	81,095	92,542	46,230	40,384	20,278
WHITE:								
21 - 25. . . .	-	-	-	-	2,196	1,345	55,265	33,044
26 - 30. . . .	59	41	-	-	18,740	10,358	65,098	35,804
31 - 40. . . .	10,571	5,497	-	-	10,531	4,949	31,841	14,329
41 - 50. . . .	334	127	-	-	1,585	555	18,399	7,360
51 - 67. . . .	2,316	811	-	-	1,177	311	6,626	2,102
68 AND OVER. .	404	89	-	-	1,040	239	11,783	3,063
TOTAL . . .	13,684	6,565	-	-	35,269	17,757	189,012	95,702
TOTAL, 1959	109,479	49,429	177,340	81,095	127,811	63,987	229,396	115,980
TOTAL, 1958	78,026	44,095	269,187	168,303	218,068	146,932	420,937	258.664

SPECIES AND SIZE	OCTOBER		NOVEMBER		DECEMBER		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BROWN:								
15 - 20. . . .	-	-	-	-	-	-	82	$53
21 - 25. . . .	33,461	$17,735	-	-	-	-	52,340	29,423
26 - 30. . . .	18,114	8,695	-	-	-	-	97,919	53,987
31 - 40. . . .	2,121	912	-	-	-	-	196,890	95,775
41 - 50. . . .	3,415	1,161	-	-	-	-	72,159	27,379
51 - 67. . . .	4,515	1,400	-	-	-	-	32,420	11,401
68 AND OVER. .	1,780	498	-	-	-	-	26,137	6,854
TOTAL . . .	63,406	30,401	-	-	-	-	477,947	224,872
WHITE:								
15 - 20. . . .	-	-	-	-	6,004	$3,723	6,004	3,723
21 - 25. . . .	196,467	103,973	422,855	$237,739	371,449	211,726	1,052,616	591,457
26 - 30. . . .	118,630	56,927	100,706	47,835	103,211	53,671	420,464	215,422
31 - 40. . . .	11,117	4,780	39,900	17,347	101,386	45,623	346,054	188,349
41 - 50. . . .	15,909	5,403	32,929	10,895	49,993	18,996	169,822	72,033
51 - 67. . . .	46,482	14,128	26,317	7,987	29,308	8,792	151,196	50,232
68 AND OVER. .	28,889	5,374	3,662	915	1,270	317	61,170	14,314
TOTAL . . .	417,494	190,585	626,369	322,718	662,621	342,848	2,207,326	1,135,530
TOTAL, 1959	480,900	220,986	626,369	322,718	662,621	342,848	2,685,273	1,360,402
TOTAL, 1958	497,220	337,772	848,267	586,313	586,010	385,131	3,276,191	2,205,562

NOTE:--ALL WEIGHTS ARE ON HEADS-OFF BASIS. THE SIZE INDICATES THE NUMBER OF HEADS-OFF SHRIMP TO THE POUND. TO CONVERT TO HEADS-ON MULTIPLY BY 1.68 FOR BROWN, PINK, WHITE, AND SEA BOBS; FOR ROYAL RED, MULTIPLY BY 1.80.

SECTION 6 - GULF FISHERIES

The commercial catch of fish and shellfish landed at ports of the Gulf States (West Coast of Florida, Alabama, Mississippi, Louisiana, and Texas) during 1959 amounted to 1.2 billion pounds. This established a new volume record. The ex-vessel value of the catch amounted to 77.6 million dollars. This represented an increase of 346 million pounds or 43 percent in volume, but a decline of 8.9 million dollars or 10 percent in value compared with 1958. Louisiana again led all other States in the volume of the catch. The State also recorded the largest increase over the previous year. Texas was in first place with respect to value. Landings at ports in Louisiana increased by more than 228 million pounds or 72 percent. Larger landings also occurred in Texas where the catch increased 41 percent, in Alabama with a 36 percent increase, and a gain in Mississippi of 23 percent. Landings at West Coast of Florida ports registered only a 4 percent gain over the previous year. The catch of menhaden and shrimp -- the volume and value crops of the Gulf fisheries -- was chiefly responsible for the increase.

Louisiana accounted for 47 percent of the total Gulf landings. Mississippi was next with 22 percent, followed by Texas with 18 percent; the West Coast of Florida, 12 percent; and Alabama, 1 percent.

During 1959 there were 737 fishery wholesaling and manufacturing establishments in the Gulf area that gave employment to about 16 thousand persons. Fishery products produced by these firms were valued at 123 million dollars -- about 6 million dollars less than in the previous year. A decline in the value of canned and packaged shrimp resulted in the loss.

Favorable weather and the availability of fish at a time when they could be taken contributed to the record production. While there was an increase in rainfall over the previous year along most of the Gulf Coast, only one hurricane developed during 1959. This occurred on July 25 when Deborah struck the Texas Coast west of Galveston, causing some damage and interrupting fishing activities for several days. Four tropical storms with the accompanying heavy rainfall only temporarily halted fishing activities and were perhaps more helpful than destructive. The added rainfall was undoubtedly beneficial to oyster growth. There were no serious freezes during the year and the winter northers were no more severe than usual.

The shrimp industry suffered its most severe reversal in years, and though landings increased 12 percent, the value decreased 21 percent. Percentage-wise, Mississippi registered the largest gain in volume -- up 75 percent over the previous year while the valued declined 1 percent. The unusually large run of brown shrimp off Horn Island in the early summer contributed most of the 1959 catch. The small size of the shrimp adversely affected prices, as did the unusually heavy landings occurring over the short season, and a generally declining shrimp market. The canning industry which normally uses large quantities of the smaller shrimp experienced some difficulty in moving the canned pack. This resulted in lessening demand and further price declines. Brown shrimp were unusually plentiful all along the upper middle Gulf Coast during 1959. Alabama, Louisiana, and Texas fared very well volume-wise. However, fishermen suffered severely as the average price of shrimp landed declined substantially below the 1958 average.

Declining prices, caused by heavy imports, and landings of more than usual amounts of small shrimp contributed to the depressed condition. Florida fishermen suffered least from declining prices but were, nevertheless, in dire straits resulting from both a decrease in volume and value. Florida was the only Gulf State in which both the volume and the value decreased. The Tortugas and Apalachicola grounds were less productive in 1959 than in 1958. Since the heaviest production from the Tortugas area comes in the first five months of each year, the bulk of Florida's landings occurred before the onset of the serious decline in prices. Had the bulk of the landings in that State occurred later in the year, as was the case in the remainder of the Gulf States, the depressed condition would have been more severe.

A condition of decreased earnings also existed in Louisiana, Texas, and Alabama, although to varying degrees of severity. Louisiana normally produces a large percentage of small shrimp and 1959 was no exception. As in Mississippi, the canning industry in Louisiana utilized large quantities of the small shrimp. However, with declining canned sales at a time when the canners normally operate at full capacity, production was reduced and price declines occurred all along the line from the boat to the finished product. The very heavy run of small brown shrimp occurred from about May 15 to June 30. Despite low prices, the catch in this period was so great that many boats and vessels fared very well. However, the season on inshore waters is short, and offshore catches were not sufficiently large to offset the substantial price decline. The fall run of white shrimp was short of expectations. However, the shrimp were above average in size and more readily marketable than the smaller-sized brown shrimp landed in the spring and summer.

The Texas shrimp industry also suffered a rather severe economic setback. The height of the season occurred during the period beginning in July and ending with October. The general price decline in the shrimp industry gathered momentum as the year progressed and the fall production of large brown shrimp was marketed at much lower prices than in the preceeding year. The 1959 average price of the Texas catch of shrimp at the vessel level was 12 cents per pound lower than in 1958. With catches light on the Tortugas grounds, many of the Florida vessels and firms transferred activities to Texas, locating principally in Freeport and Aransas Pass. This resulted in very heavy prosecution of the adjacent fishing grounds.

The canning industry experienced some difficulty in moving the 1958 pack of shrimp -- resulting in a more cautious approach to the 1959 season. For example, Mississippi, with a 75 percent increase in its landings of shrimp, canned only 8 percent more shrimp in 1959 than in the previous year. The total Gulf pack was 7 percent below the amount packed in 1958 while the value declined 23 percent.

The menhaden industry experienced somewhat the same conditions as the shrimp industry. Landings totaled a record 752 million pounds, an increase of 70 percent over the previous year. However, the value of the catch increased only 46 percent. The record catch in 1959 was due to favorable weather and the unusual availability of the fish. The bumper catch resulted in storage problems for the meal and oil as prices declined late in the season. In addition to a record domestic production of fish meal and solubles, there were large imports of these products which created serious marketing problems. Industry members urged the government to place some restrictions on the imports of fish meal.

The oyster industry fared somewhat better than the shrimp and menhaden industries. Landings increased 32 percent in volume and 27 percent in value compared with 1958. Despite large increases in the volume of landings, the average price per pound paid fishermen for oyster meats held up well and was only 1 cent per pound less than in 1958. Texas oystermen did not fare as well price-wise as those in other Gulf States. Unusually heavy landings of more than a million pounds in Texas, up 354 percent compared with the previous year, were more than the industry could cope with, resulting in a price decline. Texas reefs, that had not been productive in years, suddenly began to yield large catches of very fine oysters. Increased rainfall and run-off of rivers along the Texas Coast are credited with much of the volume increase. The decline in the average price in Texas was offset by increases in Florida and Alabama. Most of the increase in the oyster production along the Gulf went into the shucking houses to be sold as fresh oysters which were up 63 percent in volume and 60 percent in value. Dealers averaged $5.88 per gallon in 1959 compared with nearly $6.00 per gallon in 1958.

The oyster canneries in Mississippi produced only about half as many canned oysters in 1959 as in 1958. The decline can be attributed in part to the rather strict enforcement of the culling law on Louisiana's natural reefs where Mississippi normally obtains most of its canning stock. As oysters were less than the legal size of three inches across the shell, the State of Louisiana did not permit taking them. However, Mississippi fishermen harvested a very good crop of oysters from the Pass Christian Reef.

The blue crab fishery was fairly prosperous during 1959. Catches were greater in all Gulf States except Alabama where landings declined about 100 thousand pounds below the quantity produced in 1958. The scarcity of crabs in Chesapeake Bay undoubtedly benefited the Gulf industry. The increase in production was the result of more intensive fishing since the use of crab pots increased 50 percent and trot lines, 2 percent. Production of picked crabmeat increased by 21 percent in both volume and value.

The mullet fishery along the Florida West Coast continued to experience difficulties. The catch in this area declined 2 million pounds (6 percent), while the value declined 308 thousand dollars or 15 percent. This fishery is prosecuted by numerous individual fishermen in small craft and has been in severe economic difficulties for a number of years. The condition seems to grow steadily worse each year. While stocks of fish are plentiful, there have been no new methods of catching the fish, nor has processing and packaging kept pace with modern marketing trends. The plight of mullet fishermen is one of the great unsolved problems of the fishing industry.

A number of species make up the principal market fishes for the local population along the Gulf Coast. Some of the more important of these are the red drum, sea trout, spanish mackerel, and red snapper. Red drum and spotted sea trout are inshore or littoral fishes. The former increased in volume by 24 percent, while the sea trout fishery yielded 4 percent less fish in 1958. The red snapper fishery has been rather stable for a number of years despite a decline in the regular snapper fleet. The catch has been maintained by shrimp vessel crews who hand line for the fish during the off season. Small snappers are also taken by shrimp trawlers in increasing quantities, incidental to shrimp operations.

The spiny lobster fishery along the Southern part of Florida experienced a rather good year. The catch of lobsters increased 13 percent in volume and 19 percent in value. The catch, however, was not made without some difficulty. Fishermen used 45 percent more pots in 1959 than in the preceeding year and the average catch per pot declined 22 percent. Market prices of this species -- while somewhat stable -- were, nevertheless, influenced by the quantity arriving at Southern Florida ports from the nearby Bahamas.

Industrial dredging activities along the Gulf Coast continued at an unabated pace in 1959. During the year dredging was begun on the Gulf Outlet Ship Channel from New Orleans to the Gulf of Mexico. When completed, the channel will save the shipping industry many miles in its route to the Gulf of Mexico. Simultaneously, the Bureau of Sport Fisheries and Wildlife, and the Bureau of Commercial Fisheries began an extensive study of the changes occurring in the area as a result of the dredging activities.

Other dredging activities were underway at Port Mansfield, Port Lavaca, and Victoria, Texas; Perdido Bay, Alabama, and numerous points in South Central Florida. A renewed effort by certain interests in Jefferson Parish, Louisiana, to obtain a ship channel from the West Bank of the Mississippi River to the Gulf of Mexico through Barataria met with considerable opposition from wildlife and fisheries interests. The proposed route would cross some of the more important oyster producing and shrimp nursery grounds in the State of Louisiana.

The Gulf State Marine Fisheries Commission, in its annual spring meeting, devoted most of the session to a discussion of the present state of knowledge of the important shrimp fishery. In general, biologists of the five Gulf States agreed that small juvenile shrimp should be protected in the inside waters; size limits on both brown and white shrimp be abolished; and night fishing for both brown and white shrimp be permitted in all waters during open season. The fall meeting of the Commission was devoted to coordinating the estuarine work on the Gulf Coast and to the question of advisability of disposal of atomic wastes in the Gulf of Mexico. Speakers emphasized the need for monitoring waste disposal and suggested strict control by a single government agency. It was pointed out that laboratory studies should be made of the physical and biological environment designed as a disposal site. The discussion was precipitated by requests for disposal sites in the Gulf of Mexico.

The Texas Legislature passed a new law during the spring session designed to conserve the shrimp fishery. Offshore territorial waters were closed during the month of July and more stringent regulations were imposed on the taking of shrimp in inside waters.

The State of Louisiana began construction on its new laboratory at Grand Terre, Louisiana. The decline in the catch of fresh-water crayfish resulted in the state legislature appropriating ten thousand dollars for an investigation of the cause of the decline and to determine if a closed season is necessary.

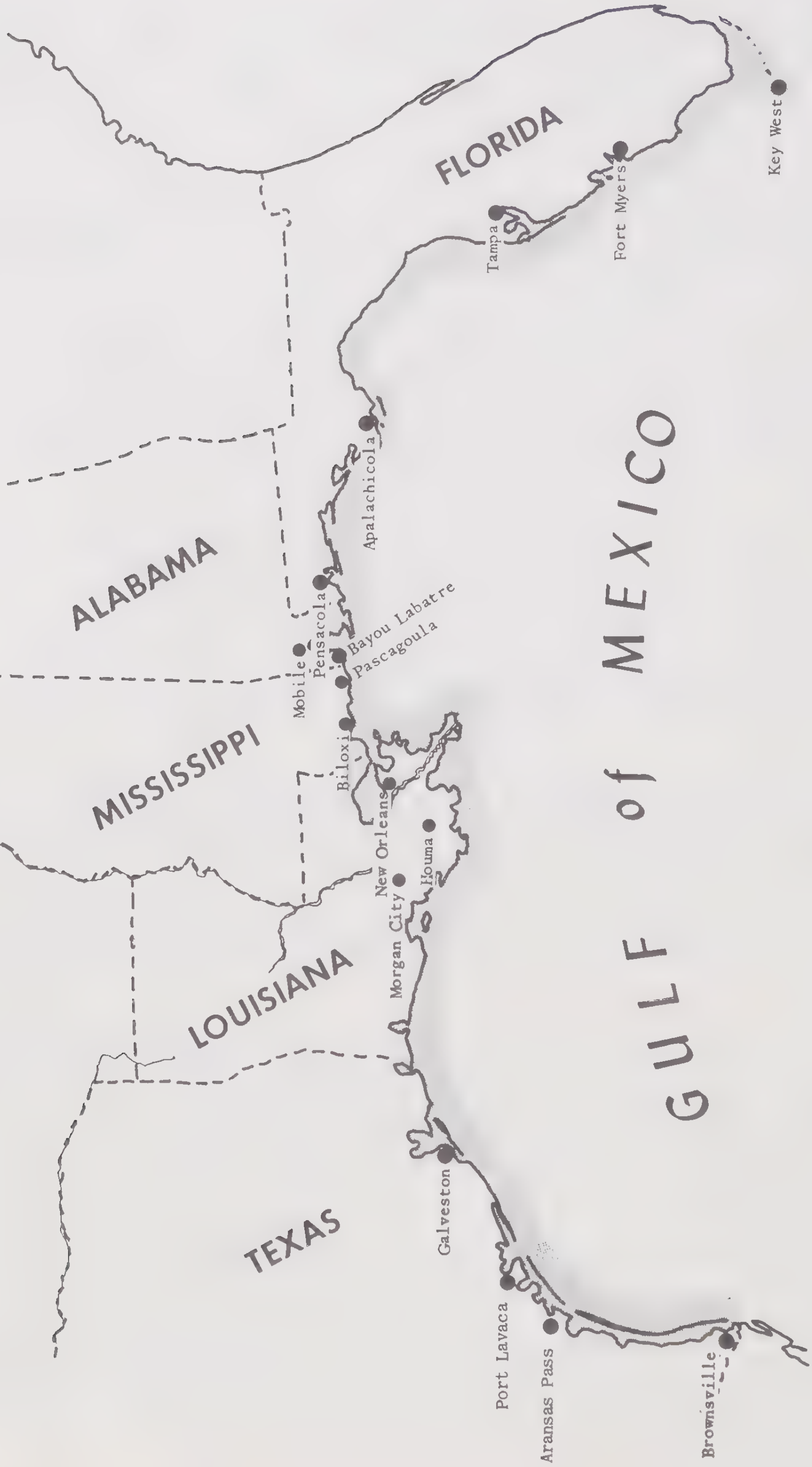
The Bureau's Technological Laboratory at Pascagoula, Mississippi devoted most of its efforts to developing new products from local fishes and to analyzing the industrial fishery landings for the local pet food industry. The laboratory staff also devoted some time to perfecting a process to prevent discoloration in canned sea bobs.

The Division of Biological Research continued to study the factors affecting the shrimp population. Studies on migration and growth by staining shrimp was effected in part of the Western Gulf and an extensive study of the biometrics of shrimp was undertaken.

Condensed summary data on operating units and catch by States appearing on the following pages have been previously published in Current Fishery Statistics bulletin No. 2435. Data on the catch and operating units of the East Coast of Florida and the entire state of Florida may be found in Section 5 of this Digest. Seasonal variations in the catch of fish and shellfish in Florida, Alabama, Mississippi, Louisiana, and Texas can be ascertained from monthly landing bulletins issued currently for these States in cooperation with the fishery agencies of each State. Additional aspects of the Gulf fisheries may be found in daily, monthly, and annual reports published by the Bureau's Fishery Market News Service, Federal Building, 600 South Street, New Orleans 12, Louisiana.

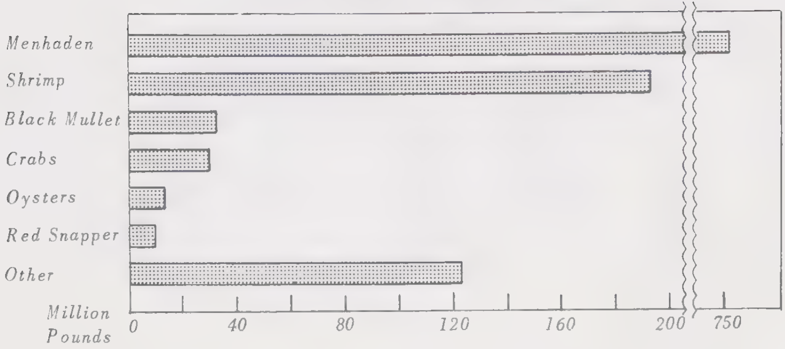
The Bureau acknowledges the assistance of the following organizations in the collection of the data appearing in this section: Florida State Board of Conservation and Marine Laboratory, University of Miami; Alabama Department of Conservation, Commercial Seafoods Division; Mississippi Seafood Commission; Louisiana Wildlife and Fisheries Commission; and Texas Game and Fish Commission.

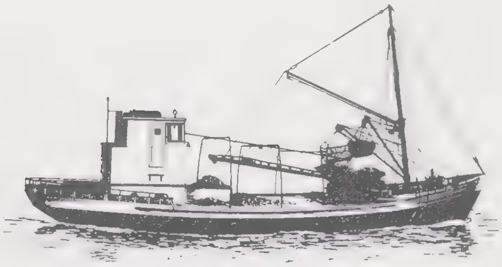
GULF FISHERIES


FLORIDA
ALABAMA
MISSISSIPPI
LOUISIANA
TEXAS
GULF of MEXICO
Key West
Fort Myers
Tampa
Apalachicola
Pensacola
Mobile
Bayou Labatre
Pascagoula
Biloxi
New Orleans
Houma
Morgan City
Galveston
Port Lavaca
Aransas Pass
Brownsville

GULF FISHERIES

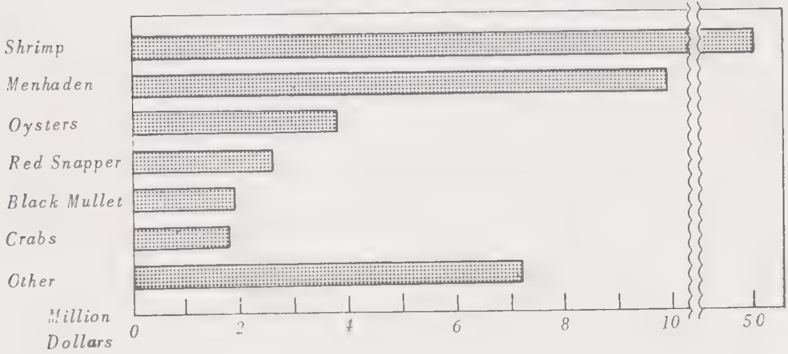
GULF STATES CATCH, 1959





OYSTER DREDGER

VALUE OF GULF STATES CATCH, 1959



GULF FISHERIES

SECTIONAL SUMMARIES

SUMMARY OF CATCH, 1959

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

STATE	FISH		SHELLFISH, ETC.		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
FLORIDA, WEST COAST	81,267	6,153	50,620	12,038	131,887	18,191
ALABAMA	4,016	642	10,006	2,326	14,022	2,968
MISSISSIPPI	238,281	3,653	14,666	2,593	252,947	6,246
LOUISIANA	468,230	7,475	77,528	16,571	545,758	24,046
TEXAS	123,164	2,524	87,173	23,665	210,337	26,189
TOTAL	914,958	20,447	239,993	57,193	1,154,951	77,640

SUMMARY OF OPERATING UNITS, 1959

ITEM	FLORIDA, WEST COAST	ALABAMA	MISSISSIPPI	LOUISIANA	TEXAS	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS	3,675	672	2,157	4,740	4,885	12,161
ON BOATS AND SHORE:						
REGULAR	2,667	541	526	3,569	1,040	8,257
CASUAL	1,406	164	349	475	143	2,537
TOTAL	7,748	1,377	3,032	8,784	6,068	22,955
VESSELS, MOTOR	1,301	234	558	1,362	1,628	3,678
NET TONNAGE	29,234	4,433	13,616	32,413	45,612	88,774
BOATS:						
MOTOR	2,908	486	624	2,733	747	7,468
OTHER	453	161	158	64	12	818
ACCESSORY BOATS	24	-	90	134	51	269
GEAR:						
HAUL SEINES, COMMON	48	4	-	18	14	84
LENGTH, YARDS	36,650	1,200	-	5,276	2,800	45,926
PURSE SEINES:						
MENHADEN	3	-	26	43	17	78
LENGTH, YARDS	1,200	-	10,050	19,409	8,300	34,684
LAMPARA NETS	3	-	-	-	-	3
LENGTH, YARDS	600	-	-	-	-	600
OTTER TRAWLS:						
FISH	-	-	73	249	1	303
YARDS AT MOUTH	-	-	1,704	4,121	28	5,387
SHRIMP	2,018	551	1,121	3,585	3,541	8,165
YARDS AT MOUTH	32,733	8,111	15,040	55,153	54,262	123,956
HOOP NETS, FISH	-	640	-	8,810	-	9,450
POTS AND TRAPS:						
CRAB	39,720	3,000	4,535	275	1,695	49,225
CRAWFISH	-	-	-	3,950	-	3,950
FISH	90	250	-	-	-	340
LOBSTER	33,612	-	-	-	-	33,612
GILL NETS:						
ANCHOR	-	-	-	45	42	87
SQUARE YARDS	-	-	-	46,299	23,261	69,560
DRIFT	27	-	-	-	-	27
SQUARE YARDS	80,300	-	-	-	-	80,300
RUNAROUND	1,041	8	4	-	-	1,053
SQUARE YARDS	1,213,545	4,800	2,400	-	-	1,220,745
STAKE	4	-	-	-	-	4
SQUARE YARDS	1,600	-	-	-	-	1,600
TRAMMEL NETS	273	94	38	68	47	520
SQUARE YARDS	381,760	94,000	31,400	18,963	28,610	554,733
LINES:						
HAND	2,804	117	107	2,640	574	6,132
HOOKS	3,559	222	201	2,746	1,264	7,728
TROLL	1,053	-	-	-	-	1,053
HOOKS	1,053	-	-	-	-	1,053
LONG OR SET WITH HOOKS	18	-	3	740	221	982
HOOKS	8,549	-	1,900	308,545	486,430	805,424
TROT WITH BAITS	95	58	20	528	2	703
BAITS	63,500	29,000	10,000	271,530	750	374,780

(CONTINUED ON NEXT PAGE)

SUMMARY OF OPERATING UNITS, 1959 - Continued

ITEM	FLORIDA, WEST COAST	ALABAMA	MISSISSIPPI	LOUISIANA	TEXAS	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
LINES - CONTINUED:						
SNAG	-	170	-	-	-	170
HOOKS.	-	51,000	-	-	-	51,000
DIP NETS:						
COMMON	33	-	-	297	-	330
DROP	100	-	-	14,750	-	14,850
CAST NETS.	27	-	5	-	-	32
SPEARS	23	21	6	12	41	103
DREDGES:						
OYSTER, COMMON	-	-	276	460	190	912
YARDS AT MOUTH	-	-	330	532	190	1,035
SCALLOP.	69	-	-	-	-	69
YARDS AT MOUTH	74	-	-	-	-	74
TONGS:						
OYSTER	338	698	361	97	95	1.549
OTHER.	3	-	-	-	-	3
FORKS.	2	-	-	-	-	2
GRABS.	-	-	-	57	-	57
BRUSH TRAPS.	-	-	-	16,200	-	16,200
HOOKS, SPONGE.	37	-	-	-	-	37
DIVING OUTFITS	8	-	-	-	-	8

CATCH BY STATES, 1959

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	FLORIDA, WEST COAST		ALABAMA		MISSISSIPPI	
FISH	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
ALEWIVES	49	2	-	-	-	-
AMBERJACK.	12	(1)	(1)	(1)	-	-
BALLYHOO	118	16	-	-	-	-
BARRACUDA.	6	(1)	-	-	-	-
BLUEFISH	900	100	11	1	2	(1)
BLUE RUNNER.	636	25	4	(1)	1	(1)
BONITO	1	(1)	-	-	-	-
BUFFALOFISH.	-	-	31	4	-	-
CABIO.	28	2	3	(1)	-	-
CATFISH AND BULLHEADS.	329	46	28	7	-	-
CIGARFISH.	296	23	-	-	-	-
CREVALLE	1,181	28	-	-	-	-
CROAKER.	72	6	28	1	2	(1)
DOLPHIN.	7	1	-	-	-	-
DRUM:						
BLACK.	124	6	10	1	38	2
RED.	692	92	18	2	71	11
FLOUNDERS.	143	21	123	18	46	7
GROUPERS	5,750	656	231	35	75	11
GRUNTS	201	14	-	-	-	-
HOGFISH.	14	2	-	-	-	-
JEWFISH.	65	4	18	3	-	-
KING MACKEREL.	1,239	110	-	-	-	-
KING WHITING OR "KINGFISH" . .	62	4	105	5	258	16
MENHADEN	17,590	204	-	-	174,082	2,193
MOJARRA.	254	18	-	-	-	-
MULLET:						
BLACK.	30,644	1,747	1,341	80	562	29
SILVER	651	43	-	-	-	-
PADDLEFISH	-	-	(1)	(1)	-	-
PERMIT	45	4	-	-	-	-
PIGFISH.	15	1	-	-	-	-
POMPANO.	411	237	12	4	1	(1)
SCUP OR PORGY.	54	4	-	-	-	-
SEA BASS, BLACK.	1	(1)	-	-	-	-

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

CATCH BY STATES, 1959 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	FLORIDA, WEST COAST		ALABAMA		MISSISSIPPI	
FISH - CONTINUED	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
SEA CATFISH	372	37	26	1	35	2
SEA TROUT OR WEAKFISH:						
SPOTTED	2,771	629	70	18	254	64
WHITE	54	6	42	2	68	4
SHARKS, UNCLASSIFIED	2	(1)	-	-	-	-
SHEEPSHEAD:						
FRESH-WATER	-	-	24	3	-	-
SALT-WATER	113	9	26	1	64	5
SNAPPER:						
MANGROVE	288	45	-	-	-	-
MUTTONFISH	78	16	-	-	-	-
RED	5,400	1,420	1,819	452	1,022	255
VERMILION	2	1	-	-	-	-
YELLOWTAIL	406	89	-	-	-	-
SPANISH MACKEREL	4,670	402	18	3	2	(1)
SPANISH SARDINE	(1)	(1)	-	-	-	-
SPOT	277	17	14	1	(1)	(1)
STURGEON	6	1	(1)	(1)	-	-
TENPOUNDER	179	6	14	(1)	-	-
TILEFISH	2	(1)	-	-	-	-
TRIGGERFISH	10	1	-	-	-	-
TRIPLETAIL	4	(1)	-	-	(1)	(1)
TUNA, YELLOWFIN	-	-	-	-	244	31
WARSAW	129	9	-	-	-	-
UNCLASSIFIED, FOR BAIT, REDUCTION, AND ANIMAL FOOD	4,914	49	-	-	61,454	1,023
TOTAL FISH	81,267	6,153	4,016	642	238,281	3,653
SHELLFISH, ETC.						
CRABS:						
BLUE:						
HARD	13,895	681	1,093	57	3,003	165
SOFT AND PEELER	3	2	-	-	11	1
STONE	256	100	-	-	-	-
TOTAL CRABS	14,154	783	1,093	57	3,014	166
LOBSTERS, SPINY	2,637	778	-	-	-	-
SHRIMP	32,252	9,752	8,018	1,991	11,319	2,345
CLAMS, HARD, PUBLIC	17	5	-	-	-	-
CONCHS	18	4	-	-	-	-
OYSTERS, MARKET:						
PUBLIC:						
SPRING	636	182	408	117	71	16
FALL	479	137	487	161	262	66
PRIVATE:						
SPRING	172	49	-	-	-	-
FALL	128	37	-	-	-	-
TOTAL OYSTERS	1,415	405	895	278	333	82
SCALLOPS, BAY	82	19	-	-	-	-
SQUID	10	1	-	-	-	-
TURTLES:						
GREEN	7	1	-	-	-	-
LOGGERHEAD	(1)	(1)	-	-	-	-
TOTAL TURTLES	7	1	-	-	-	-
SPONGES:						
GRASS	2	8	-	-	-	-
SHEEPSWOOL	24	274	-	-	-	-
YELLOW	2	8	-	-	-	-
TOTAL SHELLFISH, ETC.	50,620	12,038	10,006	2,326	14,666	2,593
GRAND TOTAL	131,887	18,191	14,022	2,968	252,947	6,246

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

CATCH BY STATES, 1959 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	LOUISIANA		TEXAS		TOTAL	
FISH	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
ALEWIVES	-	-	-	-	49	2
AMBERJACK	-	-	-	-	12	(1)
BALLYHOO	-	-	-	-	118	16
BARRACUDA	-	-	-	-	6	(1)
BLUEFISH	(1)	(1)	-	-	913	101
BLUE RUNNER	-	-	-	-	641	25
BONITO	-	-	-	-	1	(1)
BOWFIN	15	(1)	-	-	15	(1)
BUFFALOFISH	717	86	1	(1)	749	90
CABIO	-	-	2	(1)	33	2
CARP	18	1	-	-	18	1
CATFISH AND BULLHEADS	4,483	848	71	11	4,911	912
CIGARFISH	-	-	-	-	296	23
CREVALLE	-	-	-	-	1,181	28
CROAKER	57	3	28	3	187	13
DOLPHIN	-	-	-	-	7	1
DRUM:						
BLACK	161	8	1,288	89	1,621	106
RED	488	72	963	177	2,232	354
FLOUNDERS	164	13	180	37	656	96
GARFISH	411	19	-	-	411	19
GROUPERS	12	1	112	9	6,180	712
GRUNTS	-	-	-	-	201	14
HOGFISH	-	-	-	-	14	2
JEWFISH	18	2	20	2	121	11
KING MACKEREL	-	-	-	-	1,239	110
KING WHITING OR "KINGFISH"	504	20	47	4	976	49
MENHADEN	442,740	5,977	117,424	1,527	751,836	9,901
MOJARRA	-	-	-	-	254	18
MULLET:						
BLACK	14	1	19	1	32,580	1,858
SILVER	-	-	-	-	651	43
PADDLEFISH	13	1	-	-	13	1
PERMIT	-	-	-	-	45	4
PIGFISH	-	-	-	-	15	1
POMPANO	5	2	13	5	442	248
SAWFISH	10	(1)	-	-	10	(1)
SCUP OR PORGY	2	(1)	-	-	56	4
SEA BASS, BLACK	-	-	-	-	1	(1)
SEA CATFISH	101	5	48	5	582	50
SEA TROUT OR WEAKFISH:						
SPOTTED	627	118	1,099	211	4,821	1,040
WHITE	64	3	10	1	238	16
SHARKS, UNCLASSIFIED	4	(1)	-	-	6	(1)
SHEEPSHEAD:						
FRESH-WATER	472	38	2	(1)	498	41
SALT-WATER	146	14	44	5	393	34
SNAPPER:						
MANGROVE	(1)	(1)	-	-	288	45
MUTTONFISH	-	-	-	-	78	16
RED	313	77	1,665	435	10,219	2,639
VERMILION	-	-	-	-	2	1
YELLOWTAIL	-	-	-	-	406	89
SPANISH MACKEREL	(1)	(1)	1	(1)	4,691	405
SPANISH SARDINE	-	-	-	-	(1)	(1)
SPOT	-	-	-	-	291	18
STURGEON	-	-	-	-	6	1
TENPOUNDER	-	-	-	-	193	6
TILEFISH	-	-	-	-	2	(1)
TRIGGERFISH	-	-	-	-	10	1
TRIPLETAIL	3	(1)	-	-	7	(1)
TUNA, YELLOWFIN	-	-	2	(1)	246	31
WARSAW	-	-	-	-	129	9
UNCLASSIFIED:						
FOR FOOD	-	-	125	2	125	2
BAIT, REDUCTION, AND ANIMAL FOOD	16,668	166	-	-	83,036	1,238
TOTAL FISH	468,230	7,475	123,164	2,524	914,958	20,447

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

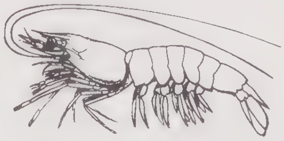
CATCH BY STATES, 1959 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	LOUISIANA		TEXAS		TOTAL	
SHELLFISH, ETC.	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
CRABS:						
BLUE:						
HARD	9,570	461	1,192	75	28,753	1,439
SOFT AND PEELER.	605	302	-	-	619	305
STONE.	-	-	-	-	256	100
TOTAL CRABS	10,175	763	1,192	75	29,628	1,844
CRAWFISH, FRESH-WATER.	286	43	-	-	286	43
LOBSTERS, SPINY.	-	-	-	-	2,637	778
SHRIMP	57,353	13,067	84,561	23,193	193,503	50,348
CLAMS, HARD, PUBLIC.	-	-	-	-	17	5
CONCHS	-	-	-	-	18	4
OYSTERS, MARKET:						
PUBLIC:						
SPRING	1,857	446	706	201	3,678	962
FALL	226	63	689	191	2,143	618
PRIVATE:						
SPRING	6,228	1,582	6	2	6,406	1,633
FALL	1,356	555	10	2	1,494	594
TOTAL OYSTERS	9,667	2,646	1,411	396	13,721	3,807
SCALLOPS, BAY.	-	-	-	-	82	19
SQUID.	-	-	9	1	19	2
TURTLES:						
BABY	6	47	-	-	6	47
GREEN.	4	(1)	-	-	11	1
LOGGERHEAD	-	-	-	-	(1)	(1)
SNAPPER.	28	2	-	-	28	2
TOTAL TURTLES	38	49	-	-	45	50
FROGS.	9	3	-	-	9	3
SPONGES:						
GRASS.	-	-	-	-	2	8
SHEEPSWOOL	-	-	-	-	24	274
YELLOW	-	-	-	-	2	8
TOTAL SHELLFISH, ETC. . .	77,528	16,571	87,173	23,665	239,993	57,193
GRAND TOTAL	545,758	24,046	210,337	26,189	1,154,951	77,640

1/ LESS THAN 500 POUNDS OR 500 DOLLARS.

NOTE:--THE PRODUCTION OF FISHERY PRODUCTS BY MISSISSIPPI CRAFT IN LOUISIANA WATERS HAS BEEN INCLUDED WITH THE CATCH FOR LOUISIANA. THESE CATCHES WERE AS FOLLOWS: OYSTERS, MARKET, PUBLIC, SPRING, 403,200 POUNDS OF MEATS, VALUE $88,704; OYSTERS, MARKET, PUBLIC, FALL, 149,600 POUNDS, VALUE $40,392; OYSTERS, MARKET, PRIVATE, SPRING, 209,600 POUNDS, VALUE $46,112; SHRIMP, 1,316,700 POUNDS, VALUE $263,763.



SHRIMP

CATCH OF CERTAIN SHELLFISH, 1959

(NUMBER AND BUSHELS)

SPECIES		FLORIDA, WEST COAST		ALABAMA		MISSISSIPPI	
		QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
CRABS:							
BLUE:							
HARD	NUMBER	27,790,800	$680,875	2,240,855	$56,629	6,546,758	$165,171
SOFT AND PEELER.	DO	12,800	1,600	-	-	32,704	1,344
STONE.	DO	255,700	99,618	-	-	-	-
CLAMS, HARD, PUBLIC.	U.S. STD. BUSHEL	2,125	5,440	-	-	-	-
CONCHS	DO	1,271	4,272	-	-	-	-
OYSTERS, MARKET:							
PUBLIC:							
SPRING	DO	140,044	181,838	85,021	117,168	17,433	16,385
FALL	DO	115,446	137,023	108,156	161,353	65,955	66,103
PRIVATE:							
SPRING	DO	37,947	49,163	-	-	-	-
FALL	DO	32,050	36,665	-	-	-	-
SCALLOPS, BAY. . . .	DO	15,731	19,290	-	-	-	-

SPECIES		LOUISIANA		TEXAS		TOTAL	
		QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
CRABS:							
BLUE:							
HARD	NUMBER	19,140,800	$460,995	2,384,800	$74,727	58,104,013	$1,438,397
SOFT AND PEELER.	DO	1,815,300	302,550	-	-	1,860,804	305,494
STONE.	DO	-	-	-	-	255,700	99,618
CLAMS, HARD, PUBLIC.	U.S. STD. BUSHEL	-	-	-	-	2,125	5,440
CONCHS	DO	-	-	-	-	1,271	4,272
OYSTERS, MARKET:							
PUBLIC:							
SPRING	DO	417,393	445,702	125,160	200,912	785,051	962,005
FALL	DO	55,528	62,730	123,238	190,573	468,323	617,782
PRIVATE:							
SPRING	DO	1,359,782	1,581,737	1,255	2,105	1,398,984	1,633,005
FALL	DO	322,929	554,955	1,724	2,295	356,703	593,915
SCALLOPS, BAY. . . .	DO	-	-	-	-	15,731	19,290

NOTE:--THE CAPACITY OF A U.S. STANDARD BUSHEL IS 2,150.4 CUBIC INCHES.

AVERAGE WEIGHTS OF CERTAIN SHELLFISH, 1959

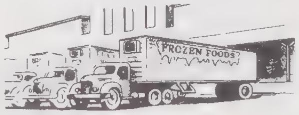
SPECIES		FLORIDA, WEST COAST	ALABAMA	MISSISSIPPI	LOUISIANA	TEXAS
		QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
CRABS:						
BLUE:						
HARD	NUMBER PER POUND	2.00	2.05	2.18	2.00	1.96
SOFT AND PEELER.	DO	4.00	-	2.92	3.00	-
STONE.	DO	1.00	-	-	-	-
CLAMS, HARD, PUBLIC.	LBS. MEATS PER U.S. STD. BUSHEL	8.00	-	-	-	-
CONCHS	DO	14.00	-	-	-	-
OYSTERS, MARKET:						
PUBLIC:						
SPRING	DO	4.54	4.80	4.09	4.45	5.64
FALL	DO	4.15	4.50	3.98	4.07	5.59
PRIVATE:						
SPRING	DO	4.53	-	-	4.58	5.10
FALL	DO	4.00	-	-	4.20	5.80
SCALLOPS, BAY. . . .	DO	5.20	-	-	-	-

NOTE:--THE CAPACITY OF A U.S. STANDARD BUSHEL IS 2,150.4 CUBIC INCHES.

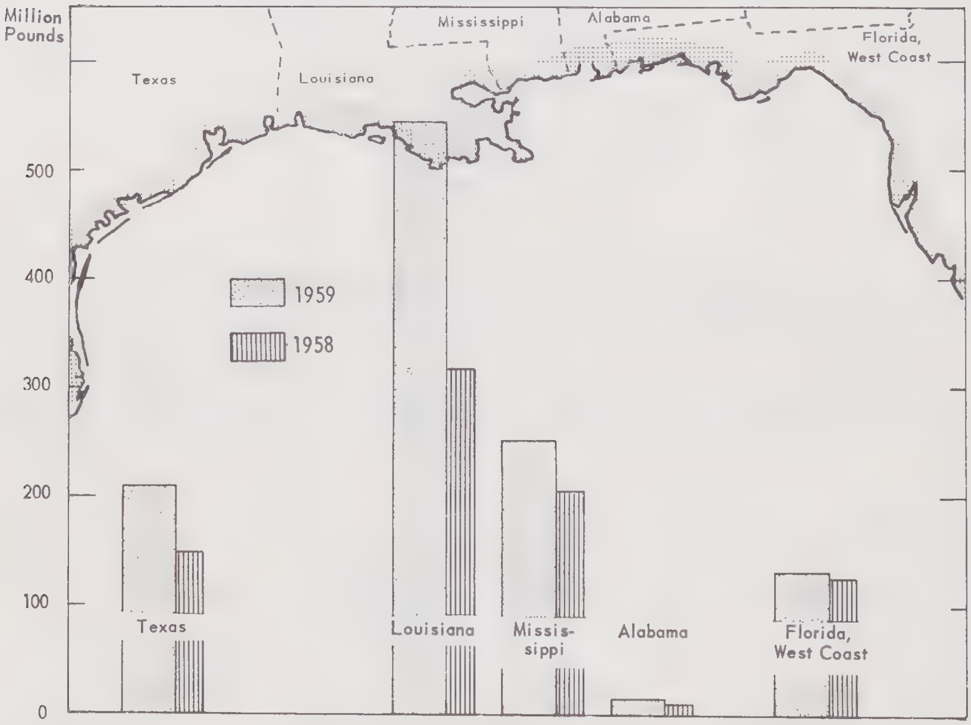
TRANSPORTING, WHOLESALING, AND MANUFACTURING, 1959

ITEM	FLORIDA, WEST COAST	ALABAMA	MISSISSIPPI	LOUISIANA	TEXAS	TOTAL
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
TRANSPORTING:						
PERSONS ENGAGED, ON BOATS .	182	-	-	-	-	182
BOATS, MOTOR.	182	-	-	-	-	182
WHOLESALING AND MANUFACTURING:						
ESTABLISHMENTS.	269	62	61	202	143	737
PERSONS ENGAGED:						
AVERAGE FOR SEASON. . . .	3,074	786	1,679	4,704	5,576	15,819
AVERAGE FOR YEAR.	2,208	512	1,085	2,831	3,737	10,373
FISHERMEN MANUFACTURING . . .	-	166	-	-	-	166

NOTE:--ONLY CRAFT TRANSPORTING FISH OR SHELLFISH ARE INCLUDED AS TRANSPORTERS. BOATS AND VESSELS ENGAGED IN TRANSPORTING AND FISHING ARE INCLUDED ONLY AS FISHING CRAFT. ALL OF THE PERSONS SHOWN ON TRANSPORTERS ENGAGED IN FISHING AND HAVE ALSO BEEN INCLUDED AS FISHERMEN.



GULF STATES CATCH, 1959 - 1958



MANUFACTURED FISHERY PRODUCTS, 1959

ITEM		FLORIDA, WEST COAST		ALABAMA		MISSISSIPPI	
		QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
GROUPER:							
FRESH FILLETS	POUNDS	148,517	$67,245	-	-	-	-
FROZEN FILLETS	DO	45,559	18,757	-	-	-	-
FRESH AND FROZEN STEAKS	DO	89,638	31,945	-	-	-	-
MENHADEN:							
DRY SCRAP AND MEAL	TONS	(1)	(1)	-	-	16,831	$2,103,875
OIL	GALLONS	(1)	(1)	-	-	1,865,267	1,016,571
SOLUBLES	TONS	(1)	(1)	-	-	8,670	606,922
MULLET, SALTED	POUNDS	289,410	28,281	-	-	-	-
MULLET ROE, SALTED	DO	6,950	5,230	-	-	-	-
SEA TROUT FILLETS, FROZEN	DO	3,125	1,435	-	-	-	-
SNAPPER, RED:							
FRESH FILLETS	DO	6,465	2,790	-	-	-	-
FROZEN FILLETS	DO	22,530	19,313	(1)	(1)	-	-
FRESH AND FROZEN STEAKS	DO	26,580	16,528	(1)	(1)	-	-
SPANISH MACKEREL FILLETS, FROZEN	DO	616,630	193,316	-	-	-	-
CRABS, BLUE:							
COOKED MEAT, FRESH AND FROZEN	DO	1,653,408	1,591,522	158,274	$126,853	421,100	421,100
SPECIALTIES, FROZEN (BURGERS, STUFFED AND LOAVES)	DO	-	-	(1)	(1)	-	-
CRABS, STONE (CLAWS FROZEN)	DO	19,470	15,206	-	-	-	-
SHRIMP:							
FROZEN:							
RAW, HEADLESS	DO	7,626,460	5,049,209	742,592	426,978	1,824,200	1,058,036
RAW, PEELED (INCLUDING DEVEINED)	DO	3,913,734	2,767,509	-	-	-	-
BREADED	DO	(1)	(1)	(1)	(1)	-	-
CANNED	STANDARD CASES	-	-	(1)	(1)	193,836	3,873,529
OYSTERS:							
SHUCKED, FRESH AND FROZEN	GALLONS	122,524	643,121	89,310	455,514	42,408	265,283
CANNED	STANDARD CASES	-	-	-	-	23,082	359,068
SCALLOPS, BAY, SHUCKED	GALLONS	9,260	65,638	-	-	-	-
UNCLASSIFIED PRODUCTS:							
PACKAGED FISH AND SHELLFISH (FRESH, FROZEN, CURED, AND DEHYDRATED)	POUNDS	2/11,293,381	2/7,312,127	3/2,897,869	3/1,322,755	-	-
CANNED:							
FISH AND SHELLFISH 6/	STANDARD CASES	664	19,590	37,056	698,789	7,740	94,354
ANIMAL FOOD	DO	-	-	-	-	1,801,969	8,974,517
BYPRODUCTS 7/	-	-	361,499	-	2,592,058	-	20,063
TOTAL	-	-	18,210,261	-	5,622,947	-	18,793,318

ITEM		LOUISIANA		TEXAS	
		QUANTITY	VALUE	QUANTITY	VALUE
MENHADEN:					
DRY SCRAP AND MEAL	TONS	46,018	$5,795,768	(1)	(1)
OIL	GALLONS	5,592,366	3,057,758	(1)	(1)
SOLUBLES	TONS	19,327	1,094,401	(1)	(1)
CRABS, BLUE:					
COOKED MEAT, FRESH AND FROZEN	POUNDS	464,415	482,382	122,710	$100,475
SPECIALTIES FROZEN (BURGERS, STUFFED AND LOAVES)	DO	112,213	64,978	(1)	(1)
SHRIMP:					
FROZEN:					
RAW, HEADLESS	DO	16,653,956	10,123,957	28,369,598	16,256,059
RAW, PEELED (INCLUDING DEVEINED)	DO	750,542	694,269	2,708,233	2,594,940
COOKED AND PEELED	DO	1,130,606	1,739,200	8,933	15,390
BREADED	DO	2,436,633	1,472,493	28,228,278	16,621,854
SPECIALTIES (BURGERS, GUMBO, STICKS, AND STUFFED)	DO	350,602	218,212	(1)	(1)
CANNED	STANDARD CASES	506,072	9,385,854	(1)	(1)

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

MANUFACTURED FISHERY PRODUCTS, 1959 - Continued

ITEM		LOUISIANA		TEXAS	
		QUANTITY	VALUE	QUANTITY	VALUE
SHRIMP - CONTINUED:					
SUN DRIED.	POUNDS	321,897	$290,985	-	-
MEAL AND BRAN.	TONS	286	13,490	-	-
OYSTERS:					
SHUCKED, FRESH AND FROZEN. . .	GALLONS	210,807	1,389,575	129,043	$740,980
CANNED	STANDARD CASES	216,356	3,110,483	-	-
UNCLASSIFIED PRODUCTS:					
PACKAGED FISH AND SHELLFISH (FRESH, FROZEN, CURED, AND DEHYDRATED).	POUNDS	4/75,477	4/38,723	5/239,342	5/381,821
CANNED, FISH AND SHELLFISH 6/.	STANDARD CASES	6,537	129,833	18,183	295,679
BYPRODUCTS 7/	-	-	236,030	-	3,777,649
TOTAL.	-	-	39,338,391	-	40,784,847

1/ INCLUDED WITH "UNCLASSIFIED". 2/ INCLUDES FRESH AND FROZEN WARSAW FILLETS; FROZEN RED DRUM FILLETS; SMOKED KING MACKEREL AND MULLET; COOKED AND FROZEN SPINY LOBSTER; FROZEN BREADED SHRIMP; SHUCKED CLAMS; FROZEN TURTLE STEAKS AND TURTLE HIND QUARTERS. 3/ INCLUDES FRESH AND FROZEN RED SNAPPER AND SEA BASS FILLETS AND STEAKS; FROZEN FISH STICKS AND PORTIONS OF UNCLASSIFIED SPECIES; FROZEN DEVILED CRABS, CRAB ROLLS, CRAB PATTIES, AND BREADED SHRIMP. 4/ INCLUDES FROZEN STUFFED FLOUNDERS, CRAWFISH BISQUE, BREADED OYSTERS, OYSTER DRESSING, OYSTER BURGERS, AND SHELLFISH GUMBO. 5/ INCLUDES DEHYDRATED SHRIMP, FROZEN BLACK DRUM FILLETS, DEVILED CRABS, SHRIMP COCKTAILS, SHRIMP WITH HEADS-ON FOR BAIT, BREADED OYSTERS, AND SHELLFISH GUMBO. 6/ INCLUDES CANNED TUNA, CRABMEAT, CRAWFISH BISQUE, SHRIMP, SHRIMP SOUPS AND STEWS, CONCH CHOWDER, TURTLE CHOWDER AND SOUP, AND SHELLFISH GUMBO. 7/ INCLUDES MENHADEN MEAL, OIL AND SOLUBLES, CRAB MEAL, MEAL FROM UNCLASSIFIED SPECIES OF FISH, AND OYSTER-SHELL POULTRY GRIT.

NOTE:--SOME OF THE ABOVE PRODUCTS MAY HAVE BEEN MANUFACTURED FROM RAW PRODUCTS IMPORTED FROM ANOTHER STATE OR A FOREIGN COUNTRY; THEREFORE, THEY CANNOT BE CORRELATED DIRECTLY WITH THE CATCH WITHIN THE STATE.

SUMMARY OF PRODUCTION, BY COMMODITIES, 1959

SUMMARY OF ITEMS		QUANTITY	VALUE
PACKAGED, FRESH AND FROZEN:			
NOT BREADED:			
FISH	POUNDS	1,026,229	$385,371
SHELLFISH.	DO	72,364,562	47,491,037
BREADED FISH AND SHELLFISH	DO	43,806,391	26,061,457
SPECIALTIES.	DO	1,197,233	851,005
CANNED	STANDARD CASES	2,811,495	26,941,696
CURED (SALTED AND SMOKED). . . .	POUNDS	342,348	52,129
SUN-DRIED SHRIMP	DO	321,897	290,985
BYPRODUCTS (FISH AND SHELLFISH).	-	-	20,676,084
TOTAL.	-	-	122,749,764

SUMMARY OF VALUE, BY STATES, 1959

STATE	VALUE
FLORIDA, WEST COAST.	$18,210,261
ALABAMA.	5,622,947
MISSISSIPPI.	18,793,318
LOUISIANA.	39,338,391
TEXAS.	40,784,847
TOTAL.	122,749,764

BLUEFISH

GULF FISHERIES
FLORIDA - WEST COAST

OPERATING UNITS BY GEAR, 1959

ITEM	HAUL SEINES, COMMON	PURSE SEINES, MENHADEN	LAMPARA NETS	OTTER TRAWLS, SHRIMP	POTS		
					CRAB	FISH	SPINY LOBSTER
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS	64	72	-	2,520	-	-	30
ON BOATS AND SHORE:							
REGULAR	204	-	2	149	305	3	174
CASUAL	-	-	4	2	15	-	20
TOTAL	268	72	6	2,671	320	3	224
VESSELS, MOTOR	10	3	-	1,379	-	-	17
NET TONNAGE	75	171	-	26,348	-	-	134
BOATS:							
MOTOR	52	-	3	104	287	3	159
OTHER	38	-	-	-	-	-	-
ACCESSORY BOATS	15	9	-	-	-	-	-
GEAR:							
NUMBER	48	3	3	2,018	39,720	90	33,612
LENGTH, YARDS	36,650	1,200	600	-	-	-	-
YARDS AT MOUTH	-	-	-	32,733	-	-	-

ITEM	GILL NETS			TRAMMEL NETS	LINES		
	DRIFT	RUNAROUND	STAKE		HAND	TROLL	LONG OR SET WITH HOOKS
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS	-	90	-	13	1,138	24	-
ON BOATS AND SHORE:							
REGULAR	46	1,025	4	341	382	252	13
CASUAL	-	87	-	2	1,127	275	2
TOTAL	46	1,202	4	356	2,647	551	15
VESSELS, MOTOR	-	26	-	6	300	12	-
NET TONNAGE	-	242	-	47	5,625	96	-
BOATS:							
MOTOR	27	667	2	213	1,118	456	15
OTHER	-	348	-	54	-	-	-
ACCESSORY BOATS	-	3	-	-	-	-	-
GEAR:							
NUMBER	27	1,041	4	273	2,804	1,053	18
HOOKS	-	-	-	-	3,559	1,053	8,549
SQUARE YARDS	80,300	1,213,545	1,600	381,760	-	-	-

ITEM	LINES - CONTINUED	DIP NETS		CAST NETS	SPEARS	DREDGES, SCALLOP	TONGS
	TROT WITH BAITS	COMMON	DROP				OYSTER
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS	-	-	-	-	-	29	-
ON BOATS AND SHORE:							
REGULAR	95	7	-	3	22	29	338
CASUAL	-	26	10	24	1	-	-
TOTAL	95	33	10	27	23	58	338
VESSELS, MOTOR	-	-	-	-	-	9	-
NET TONNAGE	-	-	-	-	-	189	-
BOATS:							
MOTOR	95	32	10	17	23	29	310
OTHER	-	-	-	10	-	-	4
GEAR:							
NUMBER	95	33	100	27	23	69	338
BAITS	63,500	-	-	-	-	-	-
YARDS AT MOUTH	-	-	-	-	-	74	-

ITEM	TONGS - CONTINUED	FORKS	HOOKS, SPONGE	DIVING OUTFITS, SPONGE	BY HAND		TOTAL, EXCLUSIVE OF DUPLICATION
	OTHER				OYSTER	OTHER	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS	-	-	-	56	-	-	3,675
ON BOATS AND SHORE:							
REGULAR	3	2	73	6	5	16	2,667
CASUAL	-	-	-	-	1	1	1,406
TOTAL	3	2	73	62	- 6	- 17	7,748
VESSELS, MOTOR	-	-	-	7	-	-	1,301
NET TONNAGE	-	-	-	62	-	-	29,234
BOATS:							
MOTOR	3	-	1	1	6	12	2,908
OTHER	-	1	36	-	-	-	453
ACCESSORY BOATS	-	-	-	-	-	-	24
GEAR, NUMBER	3	2	37	8	-	-	-

FLORIDA, WEST COAST - CATCH BY GEAR, 1959

SPECIES	HAUL SEINES		PURSE SEINES		LAMPARA NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	36,000	$1,800	-	-	-	-
BALLYHOO	400	56	-	-	117,200	$16,408
BLUEFISH	112,300	12,465	-	-	-	-
BLUERUNNER	224,400	8,976	-	-	-	-
CIGARFISH	226,400	17,887	-	-	-	-
CREVALLE	502,100	12,049	-	-	-	-
CROAKER	34,600	2,664	-	-	-	-
DRUM:						
BLACK	56,100	2,693	-	-	-	-
RED	94,200	12,529	-	-	-	-
FLOUNDERS	32,500	4,875	-	-	-	-
GRUNTS	2,200	154	-	-	-	-
KING WHITING OR "KINGFISH"	7,500	525	-	-	-	-
MENHADEN	12,200	141	17,569,400	$204,156	-	-
MOJARRA	80,200	5,535	-	-	-	-
MULLET:						
BLACK	4,411,200	251,438	-	-	-	-
SILVER	26,300	1,736	-	-	-	-
PERMIT	3,600	306	-	-	-	-
PIGFISH	300	24	-	-	-	-
POMPANO	4,900	2,832	-	-	-	-
SEA CATFISH	249,800	24,980	-	-	-	-
SEA TROUT OR WEAKFISH:						
SPOTTED	263,300	59,768	-	-	-	-
WHITE	4,400	476	-	-	-	-
SHEEPSHEAD, SALT-WATER	10,700	856	-	-	-	-
SNAPPER, MANGROVE	3,000	469	-	-	-	-
SPANISH MACKEREL	140,700	12,100	-	-	-	-
SPANISH SARDINES	400	8	-	-	-	-
SPOT	124,800	7,488	-	-	-	-
TENPOUNDER	121,300	3,760	-	-	-	-
TRIPLETAIL	2,000	128	-	-	-	-
TOTAL	6,787,800	448,718	17,569,400	204,156	117,200	16,408

SPECIES	OTTER TRAWLS		POTS		GILL NETS	
					DRIFT	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUEFISH	-	-	-	-	3,500	$388
BLUERUNNER	-	-	-	-	1,300	52
CABIO	6,100	$335	-	-	-	-
CATFISH	-	-	10,800	$1,512	-	-
FLOUNDERS	52,500	7,875	-	-	-	-
KING WHITING OR "KINGFISH"	47,700	3,339	-	-	-	-
MULLET:						
BLACK	-	-	-	-	18,200	1,037
SILVER	-	-	-	-	500	33
PERMIT	-	-	-	-	200	17
SEA TROUT OR WEAKFISH,						
SPOTTED	-	-	-	-	14,200	3,223
SNAPPER, MANGROVE	-	-	-	-	500	78
SPANISH MACKEREL	-	-	-	-	470,400	40,454
UNCLASSIFIED, FOR BAIT, REDUCTION, AND ANIMAL FOOD	4,913,800	49,138	-	-	-	-
CRABS:						
BLUE:						
HARD	10,500	515	12,844,300	629,371	-	-
SOFT AND PEELER	-	-	3,100	1,550	-	-
STONE	-	-	255,700	99,618	-	-
LOBSTERS, SPINY	31,500	9,293	2,602,800	767,826	-	-
SHRIMP	32,252,500	9,751,986	-	-	-	-
SQUID	9,800	784	-	-	-	-
TURTLES:						
GREEN	3,000	450	-	-	-	-
LOGGERHEAD	100	15	-	-	-	-
TOTAL	37,327,500	9,823,730	15,716,700	1,499,877	508,800	45,282

(CONTINUED ON NEXT PAGE)

FLORIDA, WEST COAST - CATCH BY GEAR, 1959 - Continued

SPECIES	GILL NETS - CONTINUED				TRAMMEL NETS	
	RUNAROUND		STAKE			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES.	13,000	$550	-	-	-	-
BLUEFISH.	545,100	60,507	-	-	126,400	$14,030
BLUERUNNER.	297,700	11,908	-	-	48,500	1,940
CATFISH	1,000	140	1,000	$140	-	-
CIGARFISH	69,500	5,490	-	-	-	-
CREVALLE.	425,800	10,219	-	-	103,600	2,485
CROAKER	22,900	1,764	-	-	6,700	516
DRUM:						
BLACK	41,100	1,974	-	-	8,900	427
RED	425,600	56,606	-	-	34,400	4,579
FLOUNDERS	37,700	5,655	-	-	8,800	1,320
GRUNTS.	9,500	665	-	-	1,700	119
KING WHITING OR "KINGFISH". .	3,400	238	-	-	200	14
MENHADEN.	8,100	94	-	-	-	-
MOJARRA	132,200	9,124	-	-	12,300	849
MULLET:						
BLACK	25,298,700	1,442,023	4,200	239	882,800	50,318
SILVER.	604,800	39,916	-	-	19,600	1,294
PERMIT.	27,300	2,321	-	-	5,000	425
PIGFISH	6,700	536	-	-	2,500	200
POMPANO	29,000	16,760	-	-	375,900	217,271
SEA CATFISH	83,900	8,390	-	-	28,700	2,870
SEA TROUT OR WEAKFISH:						
SPOTTED	1,968,800	446,918	1,000	227	245,500	55,729
WHITE	38,800	4,190	-	-	7,700	832
SHARKS, UNCLASSIFIED.	500	25	-	-	100	5
SHEEPSHEAD, SALT-WATER. . . .	25,000	2,000	500	40	11,200	896
SNAPPER, MANGROVE	79,700	12,433	-	-	12,200	1,903
SPANISH MACKEREL.	3,507,000	301,602	-	-	135,400	11,645
SPOT.	68,800	4,128	-	-	17,200	1,032
STURGEON.	5,900	1,032	-	-	-	-
TENPOUNDER.	51,700	1,602	-	-	3,600	112
TRIPLETAIL.	300	19	-	-	-	-
WARSAW.	2,200	154	-	-	-	-
TURTLES, GREEN.	3,700	555	-	-	-	-
TOTAL.	33,835,400	2,449,638	6,700	646	2,098,900	370,811

SPECIES	LINES					
	HAND		TROLL		LONG OR SET WITH HOOKS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
AMBERJACK	11,100	$343	1,400	$44	-	-
BARRACUDA	4,200	168	1,900	76	-	-
BLUEFISH.	56,300	6,249	56,700	6,295	-	-
BLUERUNNER.	51,800	2,072	12,800	512	-	-
BONITO.	-	-	900	54	-	-
CABIO	22,100	1,215	-	-	-	-
CATFISH	-	-	-	-	316,300	$44,282
CREVALLE.	146,800	3,524	3,100	74	-	-
CROAKER	7,500	576	-	-	-	-
DOLPHIN	2,300	207	5,100	459	-	-
DRUM:						
BLACK	18,400	884	-	-	-	-
RED	138,200	18,379	-	-	-	-
FLOUNDERS	6,200	930	-	-	-	-
GROUPERS.	5,750,300	655,533	-	-	-	-
GRUNTS.	187,500	13,125	-	-	-	-
HOGFISH	13,800	2,070	-	-	-	-
JEWFISH	65,100	3,906	-	-	-	-
KING MACKEREL	3,900	348	1,234,900	109,906	-	-
KING WHITING OR "KINGFISH". .	2,800	198	-			
MOJARRA	29,000	2,001	-	-	-	-
PERMIT.	9,300	783	-	-	-	-
PIGFISH	5,700	456	-	-	-	-
POMPANO	700	405	-	-	-	-
SCUP OR PORGY	53,500	3,745	-	-	-	-
SEA BASS.	900	108	-	-	-	-
SEA CATFISH	9,800	980	-	-	-	-
SEA TROUT OR WEAKFISH:						
SPOTTED	208,400	47,304	70,000	15,891	-	-
WHITE	3,000	325	-	-	-	-
SHARKS, UNCLASSIFIED.	1,300	65	-	-	-	-
SHEEPSHEAD, SALT-WATER. . . .	65,800	5,264	-	-	-	-

(CONTINUED ON NEXT PAGE)

FLORIDA, WEST COAST - CATCH BY GEAR, 1959 - Continued

SPECIES	LINES - CONTINUED					
	HAND		TROLL		LONG OR SET WITH HOOKS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
SNAPPER:						
MANGROVE	192,800	$30,076	-	-	-	-
MUTTONFISH	77,700	15,695	-	-	-	-
RED	5,399,800	1,420,148	-	-	-	-
VERMILION	2,200	528	-	-	-	-
YELLOWTAIL	406,300	89,386	-	-	-	-
SPANISH MACKEREL	130,300	11,207	286,000	$24,597	-	-
SPOT	65,800	3,948	-	-	-	-
STURGEON	200	35	-	-	-	-
TENPOUNDER	2,300	72	-	-	-	-
TILEFISH	1,800	180	-	-	-	-
TRIGGERFISH	10,300	515	-	-	-	-
TRIPLETAIL	1,200	76	-	-	-	-
WARSAW	127,100	8,897	-	-	-	-
TOTAL	13,293,500	2,351,930	1,672,800	157,908	316,300	$44,282

SPECIES	LINES - CONTINUED		DIP NETS		CAST NETS	
	TROT WITH BAITS					
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
MULLET:						
BLACK	-	-	-	-	29,200	$1,664
SILVER	-	-	-	-	100	7
CRABS, BLUE:						
HARD	1,040,600	$50,989	-	-	-	-
SOFT AND PEELER	-	-	100	$50	-	-
LOBSTERS, SPINY	-	-	2,300	679	-	-
TOTAL	1,040,600	50,989	2,400	729	29,300	1,671

SPECIES	SPEARS		DREDGES		TONGS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FLOUNDERS	4,900	$735	-	-	-	-
CLAMS, HARD, PUBLIC	-	-	-	-	15,100	$4,832
OYSTERS, MARKET:						
PUBLIC:						
SPRING	-	-	-	-	634,200	181,380
FALL	-	-	-	-	478,100	136,737
PRIVATE:						
SPRING	-	-	-	-	171,900	49,163
FALL	-	-	-	-	128,200	36,665
SCALLOPS, BAY	-	-	81,600	$19,240	-	-
TOTAL	4,900	735	81,600	19,240	1,427,500	408,777

SPECIES	FORKS		HOOKS		DIVING OUTFITS		BY HAND	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CLAMS, HARD, PUBLIC	1,100	$352	-	-	-	-	800	$256
CONCHS	-	-	-	-	-	-	17,800	4,272
OYSTERS, MARKET, PUBLIC:								
SPRING	-	-	-	-	-	-	1,600	458
FALL	-	-	-	-	-	-	1,000	286
SCALLOPS, BAY	200	50	-	-	-	-	-	-
SPONGES:								
GRASS	-	-	1,300	$6,419	200	$1,332	-	-
SHEEPSWOOL	-	-	3,900	43,133	20,100	230,632	-	-
YELLOW	-	-	800	3,157	1,000	4,872	-	-
TOTAL	1,300	402	6,000	52,709	21,300	236,836	21,200	5,272

GULF FISHERIES
ALABAMA

OPERATING UNITS BY GEAR, 1959

ITEM	HAUL SEINES, COMMON	OTTER TRAWLS, SHRIMP	HOOP NETS, FISH	POTS AND TRAPS	
				CRAB	FISH
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS.	-	577	-	-	-
ON BOATS AND SHORE:					
REGULAR	12	340	11	20	9
CASUAL.	-	34	21	-	7
TOTAL	12	951	32	20	16
VESSELS, MOTOR.	-	222	-	-	-
NET TONNAGE	-	4,031	-	-	-
BOATS:					
MOTOR	4	201	32	20	16
OTHER	4	-	-	-	-
GEAR:					
NUMBER.	4	551	640	3,000	250
LENGTH, YARDS	1,200	-	-	-	-
YARDS AT MOUTH.	-	8,111	-	-	-

ITEM	GILL NETS, RUNAROUND	TRAMMEL NETS	LINES	
			HAND	TROT WITH BAITS
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:				
ON VESSELS.	-	-	95	-
ON BOATS AND SHORE:				
REGULAR	5	84	15	51
CASUAL.	3	10	7	10
TOTAL	8	94	117	61
VESSELS, MOTOR.	-	-	12	-
NET TONNAGE	-	-	402	-
BOATS:				
MOTOR	3	-	9	58
OTHER	5	94	4	-
GEAR:				
NUMBER.	8	94	117	58
SQUARE YARDS.	4,800	94,000	-	-
HOOKS OR BAITS.	-	-	222	29,000

ITEM	LINES - CONTINUED	SPEARS	TONGS, OYSTER	TOTAL, EXCLUSIVE OF DUPLICATION
	SNAG			
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:				
ON VESSELS.	-	-	-	672
ON BOATS AND SHORE:				
REGULAR	7	9	573	541
CASUAL.	10	12	125	164
TOTAL	17	21	698	1,377
VESSELS, MOTOR.	-	-	-	234
NET TONNAGE	-	-	-	4,433
BOATS:				
MOTOR	17	-	390	486
OTHER	-	13	50	161
GEAR:				
NUMBER.	170	21	698	-
HOOKS	51,000	-	-	-

ALABAMA - CATCH BY GEAR, 1959

SPECIES	HAUL SEINES		OTTER TRAWLS		HOOP NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUEFISH	11,200	$784	-	-	-	-
BLUERUNNER	3,600	252	-	-	-	-
BUFFALOFISH	-	-	-	-	20,000	$2,400
CATFISH AND BULLHEADS	-	-	-	-	10,000	2,500
CROAKER	24,700	1,235	-	-	-	-
DRUM:						
BLACK	1,600	96	1,000	$60	-	-
RED	2,600	312	-	-	-	-
FLOUNDERS	1,900	266	113,300	15,862	-	-
GROUPERS	-	-	2,300	345	-	-
JEWFISH	-	-	2,200	330	-	-
KING WHITING OR "KINGFISH"	800	40	103,400	5,170	-	-
MULLET	120,900	7,254	-	-	-	-
POMPANO	9,500	3,325	2,200	770	-	-
SEA CATFISH	-	-	26,200	1,310	-	-
SEA TROUT OR WEAKFISH:						
SPOTTED	3,000	750	-	-	-	-
WHITE	-	-	41,600	2,080	-	-
SHEEPSHEAD:						
FRESH-WATER	-	-	-	-	24,100	2,892
SALT-WATER	-	-	1,400	70	-	-
SNAPPER, RED	-	-	27,900	4,185	-	-
SPANISH MACKEREL	17,900	2,506	400	56	-	-
SPOT	5,900	354	-	-	-	-
TENPOUNDER	13,500	540	-	-	-	-
SHRIMP	-	-	8,017,500	1,990,686	-	-
TOTAL	217,100	17,714	8,339,400	2,020,924	54,100	7,792

SPECIES	POTS AND TRAPS		GILL NETS, RUNAROUND		TRAMMEL NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH	2,000	$240	9,100	$1,092	-	-
CATFISH AND BULLHEADS	11,000	2,750	1,800	450	-	-
CROAKER	-	-	-	-	3,400	$170
DRUM:						
BLACK	-	-	-	-	7,900	474
RED	-	-	-	-	13,700	1,644
FLOUNDERS	-	-	-	-	700	98
KING WHITING OR "KINGFISH"	-	-	-	-	800	40
MULLET	-	-	8,400	504	1,211,500	72,690
SEA TROUT OR WEAKFISH, SPOTTED	-	-	3,100	775	57,800	14,450
SHEEPSHEAD, SALT-WATER	-	-	-	-	24,300	1,215
SPOT	-	-	-	-	7,600	456
STURGEON	-	-	100	20	-	-
CRABS, BLUE, HARD	241,100	13,721	-	-	-	-
TOTAL	254,100	16,711	22,500	2,841	1,327,700	91,237

SPECIES	LINES					
	HAND		TROT WITH BAITS		SNAG	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
AMBERJACK	200	$16	-	-	-	-
CABIO OR CRAB EATER	3,000	210	-	-	-	-
CATFISH AND BULLHEADS	-	-	-	-	5,000	$1,250
DRUM, RED OR REDFISH	1,300	156	-	-	-	-
GROUPERS	229,100	34,365	-	-	-	-
JEWFISH	16,300	2,445	-	-	-	-
PADDLEFISH	-	-	-	-	400	60
SEA TROUT OR WEAKFISH, SPOTTED	6,400	1,600	-	-	-	-
SNAPPER, RED	1,791,200	447,800	-	-	-	-
CRABS, BLUE, HARD	-	-	852,000	$42,908	-	-
TOTAL	2,047,500	486,592	852,000	42,908	5,400	1,310

SPECIES	SPEARS		TONGS	
	POUNDS	VALUE	POUNDS	VALUE
FLOUNDERS	7,300	$1,825	-	-
OYSTERS, MARKET, PUBLIC:				
SPRING	-	-	408,100	$117,168
FALL	-	-	486,700	161,353
TOTAL	7,300	1,825	894,800	278,521

GULF FISHERIES

MISSISSIPPI

OPERATING UNITS BY GEAR, 1959

ITEM	PURSE SEINES, MENHADEN	OTTER TRAWLS		POTS, CRAB	GILL NETS, RUNAROUND
		FISH	SHRIMP		
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS	592	192	1,261	-	-
ON BOATS AND SHORE:					
REGULAR	-	-	270	49	4
CASUAL	-	-	185	10	-
TOTAL	592	192	1,716	59	4
VESSELS, MOTOR	26	73	479	-	-
NET TONNAGE	3,629	1,709	8,658	-	-
BOATS, MOTOR	-	-	368	45	4
ACCESSORY BOATS	78	-	-	-	-
GEAR:					
NUMBER	26	73	1,121	4,535	4
LENGTH, YARDS	10,050	-	-	-	-
YARDS AT MOUTH	-	1,704	15,040	-	-
SQUARE YARDS	-	-	-	-	2,400

ITEM	TRAMMEL NETS	LINES			CAST NETS
		HAND	LONG OR SET WITH HOOKS	TROT WITH BAITS	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS	24	47	17	-	-
ON BOATS AND SHORE:					
REGULAR	35	-	-	16	3
CASUAL	9	60	-	4	2
TOTAL	68	107	17	20	5
VESSELS, MOTOR	6	8	3	-	-
NET TONNAGE	60	172	172	-	-
BOATS:					
MOTOR	28	45	-	19	-
OTHER	8	-	-	-	-
ACCESSORY BOATS	12	-	-	-	-
GEAR:					
NUMBER	38	107	3	20	5
SQUARE YARDS	31,400	-	-	-	-
HOOKS OR BAITS	-	201	1,900	10,000	-

ITEM	SPEARS	DREDGES, OYSTER, COMMON	TONGS, OYSTER	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:				
ON VESSELS	-	347	-	2,157
ON BOATS AND SHORE:				
REGULAR	4	60	252	526
CASUAL	2	6	129	349
TOTAL	6	413	381	3,032
VESSELS, MOTOR	-	103	-	558
NET TONNAGE	-	1,382	-	13,616
BOATS:				
MOTOR	-	35	200	624
OTHER	-	-	150	158
ACCESSORY BOATS	-	-	-	90
GEAR:				
NUMBER	6	276	361	-
YARDS AT MOUTH	-	330	-	-

MISSISSIPPI - CATCH BY GEAR, 1959

SPECIES	PURSE SEINES		OTTER TRAWLS		POTS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CROAKER	-	-	700	$42	-	-
DRUM:						
BLACK	-	-	4,000	240	-	-
RED	-	-	2,200	220	-	-
FLOUNDERS	-	-	45,200	6,328	-	-
GROUPERS	-	-	2,000	300	-	-
KING WHITING OR "KINGFISH"	-	-	257,800	15,468	-	-
MENHADEN	174,082,000	$2,193,433	-	-	-	-
SEA CATFISH	-	-	32,800	1,664	-	-
SEA TROUT OR WEAKFISH, WHITE	-	-	67,400	4,044	-	-
SHEEPSHEAD, SALT-WATER	-	-	2,100	168	-	-
SNAPPER, RED	-	-	4,700	940	-	-
SPANISH MACKEREL	-	-	1,600	170	-	-
UNCLASSIFIED, BAIT, REDUCTION, AND ANIMAL FOOD	-	-	61,454,000	1,022,950	-	-
CRABS, BLUE:						
HARD	-	-	-	-	2,796,800	$153,824
SOFT AND PEELER	-	-	-	-	10,000	1,200
SHRIMP	-	-	11,319,000	2,344,894	-	-
TOTAL	174,082,000	2,193,433	73,193,500	3,397,428	2,806,800	155,024

SPECIES	GILL NETS, RUNAROUND		TRAMMEL NETS		LINES	
					HAND	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUEFISH	1,000	$100	800	$80	-	-
BLUE RUNNER	400	24	700	56	-	-
CROAKER	-	-	900	54	-	-
DRUM:						
BLACK	-	-	34,500	2,114	-	-
RED	-	-	68,400	10,260	800	$120
GROUPERS	-	-	-	-	73,500	11,025
KING WHITING OR "KINGFISH"	-	-	100	6	300	18
MULLET	-	-	558,900	28,225	-	-
POMPANO	-	-	600	240	-	-
SEA CATFISH	-	-	2,000	100	-	-
SEA TROUT OR WEAKFISH:						
SPOTTED	15,000	3,750	232,900	58,225	6,000	1,500
WHITE	-	-	-	-	100	6
SHEEPSHEAD, SALT-WATER	-	-	61,300	4,806	300	24
SNAPPER, RED	-	-	-	-	1,017,000	254,250
SPANISH MACKEREL	-	-	-	-	300	30
SPOT	-	-	100	6	-	-
TRIPLETAIL	-	-	200	20	-	-
TOTAL	16,400	3,874	961,400	104,192	1,098,300	266,973

SPECIES	LINES - CONTINUED				CAST NETS	
	LONG OR SET WITH HOOKS		TROT WITH BAITS			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
MULLET	-	-	-	-	2,700	$162
TUNA, YELLOWFIN	244,000	$30,500	-	-	-	-
CRABS, BLUE:						
HARD	-	-	206,300	$11,347	-	-
SOFT AND PEELER	-	-	1,200	144	-	-
TOTAL	244,000	30,500	207,500	11,491	2,700	162

SPECIES	SPEARS		TONGS	
	POUNDS	VALUE	POUNDS	VALUE
FLOUNDERS	700	$146	-	-
OYSTERS, MARKET, PUBLIC:				
SPRING	-	-	71,300	$16,385
FALL	-	-	262,500	66,103
TOTAL	700	146	333,800	82,488

NOTE: ALL OF THE MISSISSIPPI CATCH BY DREDGES WAS TAKEN IN LOUISIANA WATERS. THE PRODUCTION OF FISHERY PRODUCTS BY MISSISSIPPI CRAFT IN LOUISIANA WATERS HAS BEEN INCLUDED WITH THE CATCH FOR LOUISIANA. THESE CATCHES WERE AS FOLLOWS: OYSTERS, MARKET, PUBLIC, SPRING, 403,200 POUNDS OF MEATS, VALUE $88,704; OYSTERS, MARKET, PUBLIC, FALL, 149,600 POUNDS OF MEATS, VALUE $40,392; OYSTERS, MARKET, PRIVATE, SPRING, 209,600 POUNDS OF MEATS, VALUE $46,112; SHRIMP 1,316,700 POUNDS, VALUE $263,763.

GULF FISHERIES
LOUISIANA
OPERATING UNITS BY GEAR, 1959

ITEM	HAUL SEINES, COMMON	PURSE SEINES, MENHADEN	OTTER TRAWLS		HOOP NETS
			FISH	SHRIMP	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS	-	1,069	419	3,235	-
ON BOATS AND SHORE:					
REGULAR	69	-	-	2,789	236
CASUAL	-	-	-	35	4[illegible]
TOTAL	69	1,069	419	6,059	2[illegible]4
VESSELS, MOTOR	-	43	152	1,188	-
NET TONNAGE	-	5,805	4,554	24,955	-
BOATS:					
MOTOR	18	-	-	1,623	284
OTHER	4	-	-	-	-
ACCESSORY BOATS	-	129	-		
GEAR:					
NUMBER	18	43	249	3,585	8,810
LENGTH, YARDS	5,276	19,409	-	-	-
YARDS AT MOUTH	-	-	4,121	55,153	-

ITEM	POTS		GILL NETS, ANCHOR	TRAMMEL NETS	LINES
	CRAB	CRAWFISH			HAND
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS	-	-	-	10	76
ON BOATS AND SHORE:					
REGULAR	3	37	52	129	105
CASUAL	8	37	[illegible]	[illegible]	158
TOTAL	11	74	[illegible]	154	339
VESSELS, MOTOR	-	-	-	5	12
NET TONNAGE	-	-	-	42	[illegible]
BOATS:					
MOTOR	11	74	45	67	263
OTHER	-	-	-	14	-
ACCESSORY BOATS	-	-	-	[illegible]	-
GEAR:					
NUMBER	275	3,950	45	58	[illegible],640
SQUARE YARDS	-	-	46,299	16,963	-
HOOKS	-	-	-	-	2,740

ITEM	LINES - CONTINUED		DIP NETS		SPEARS	DREDGES, OYSTER, COMMON
	LONG OR SET WITH HOOKS	TROT WITH BAITS	COMMON	DROP		
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS	-	-	-	-	-	334
ON BOATS AND SHORE:						
REGULAR	402	443	124	143	-	250
CASUAL	241	87	173	60	12	-
TOTAL	643	530	297	203	12	584
VESSELS, MOTOR	-	-	-	-	-	133
NET TONNAGE	-	-	-	-	-	1,469
BOATS:						
MOTOR	627	530	277	203	-	98
OTHER	20	-	20	-	-	-
GEAR:						
NUMBER	740	528	297	14,750	12	460
YARDS AT MOUTH	-	-	-	-	-	532
HOOKS OR BAITS	308,545	271,530	-	-	-	-

ITEM	TONGS, OYSTER	BRUSH TRAPS	GRABS, FROG	BY HAND, OYSTER	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS	-	-	-	-	4,740
ON BOATS AND SHORE:					
REGULAR	69	88	40	35	3,569
CASUAL	28	20	17	5	475
TOTAL	97	108	57	40	8,784
VESSELS, MOTOR	-	-	-	-	[illegible]
NET TONNAGE	-	-	-	-	[illegible]
BOATS:					
MOTOR	51	108	5[illegible]	23	[illegible]
OTHER	6	-	-	-	[illegible]
ACCESSORY BOATS	-	-	-	-	[illegible]
GEAR, NUMBER	97	16,[illegible]	5[illegible]	-	

LOUISIANA - CATCH BY GEAR, 1959

SPECIES	HAUL SEINES		PURSE SEINES		OTTER TRAWLS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN	8,900	$355	-	-	-	-
BUFFALOFISH	57,800	6,945	-	-	-	-
CARP	700	36	-	-	-	-
CATFISH AND BULLHEADS	23,900	4,541	-	-	-	-
CROAKER	30,600	1,530	-	-	3,100	$155
DRUM:						
BLACK	21,900	1,095	-	-	-	-
RED	74,800	9,900	-	-	-	-
FLOUNDERS	5,000	700	-	-	147,500	10,599
GARFISH	85,800	3,434	-	-	-	-
KING WHITING OR "KINGFISH"	-	-	-	-	469,500	18,779
JEWFISH	-	-	-	-	100	9
MENHADEN	-	-	442,740,000	$5,976,990	-	-
MULLET	1,900	95	-	-	-	-
POMPANO	500	125	-	-	2,300	805
SAWFISH	400	20	-	-	8,700	435
SEA CATFISH	19,500	1,129	-	-	39,900	1,995
SEA TROUT OR WEAKFISH:						
SPOTTED	194,900	38,980	-	-	-	-
WHITE	3,800	190	-	-	47,100	2,355
SHARKS, UNCLASSIFIED	2,800	140	-	-	1,500	75
SHEEPSHEAD:						
FRESH-WATER	25,800	2,067	-	-	-	-
SALT-WATER	21,100	1,970	-	-	30,700	2,896
SNAPPER, RED	-	-	-	-	61,800	14,380
SPANISH MACKEREL	-	-	-	-	400	20
TRIPLETAIL	-	-	-	-	3,000	150
UNCLASSIFIED, FOR BAIT, REDUCTION, AND ANIMAL FOOD	-	-	-	-	16,668,200	166,682
CRABS, BLUE, HARD	-	-	-	-	136,600	5,880
SHRIMP	-	-	-	-	57,353,000	13,066,935
TURTLES, GREEN	-	-	-	-	3,900	195
TOTAL	580,100	73,252	442,740,000	5,976,990	74,977,300	13,292,345

SPECIES	HOOP NETS		POTS		GILL NETS, ANCHOR	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN	4,400	$176	-	-	1,000	$43
BUFFALOFISH	483,400	57,984	-	-	175,700	21,048
CARP	15,500	724	-	-	1,400	57
CATFISH AND BULLHEADS	723,900	137,992	-	-	275,500	47,619
GARFISH	9,500	385	-	-	298,700	14,144
PADDLEFISH	-	-	-	-	8,300	682
SHEEPSHEAD, FRESH-WATER	311,300	24,949	-	-	56,000	4,493
CRABS, BLUE, HARD	-	-	19,300	$965	-	-
CRAWFISH, FRESH-WATER	-	-	285,700	42,855	-	-
TURTLES, SNAPPER	1,100	113	-	-	-	-
TOTAL	1,549,100	222,323	305,000	43,820	816,600	88,086

SPECIES	TRAMMEL NETS		LINES	
			HAND	
	POUNDS	VALUE	POUNDS	VALUE
BLUEFISH	300	$15	-	-
CATFISH AND BULLHEADS	1,300	247	600	$114
CROAKER	21,900	1,095	1,700	85
DRUM:				
BLACK	115,200	5,760	23,600	1,180
RED	381,400	57,210	31,900	4,785
FLOUNDERS	8,600	1,215	-	-
GARFISH	4,500	180	5,900	269
GROUPERS	-	-	11,900	1,187
KING WHITING OR "KINGFISH"	33,700	1,348	800	32
JEWFISH	-	-	18,200	1,634
MULLET	11,800	590	-	-
POMPANO	-	-	2,000	700
SAWFISH	1,100	55	-	-
SCUP OR PORGY	-	-	1,600	148

(CONTINUED ON NEXT PAGE)

LOUISIANA - CATCH BY GEAR, 1959 - Continued

SPECIES	TRAMMEL NETS		LINES	
			HAND	
	POUNDS	VALUE	POUNDS	VALUE
SEA CATFISH	31,600	$1,625	10,100	$505
SEA TROUT OR WEAKFISH:				
SPOTTED	345,200	61,735	86,400	17,280
WHITE	5,500	275	7,100	355
SHEEPSHEAD:				
FRESH-WATER	8,700	696	-	-
SALT-WATER	77,500	7,610	16,800	1,680
SNAPPER:				
MANGROVE	-	-	100	18
RED	-	-	251,200	62,877
TURTLES, SNAPPER	-	-	26,400	2,297
TOTAL	1,048,300	139,656	496,300	95,146

SPECIES	LINES - CONTINUED				DIP NETS	
	LONG OR SET WITH HOOKS		TROT WITH BAITS			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN	500	$20	-	-	-	-
CATFISH AND BULLHEADS	3,458,100	657,094	-	-	-	-
GARFISH	6,400	256	-	-	-	-
PADDLEFISH	4,100	205	-	-	-	-
SHEEPSHEAD, FRESH-WATER	70,600	5,660	-	-	-	-
CRABS, BLUE:						
HARD	-	-	7,414,100	$364,130	2,000,400	$90,020
SOFT AND PEELER	-	-	56,100	28,050	209,300	104,650
TURTLES:						
BABY	-	-	-	-	6,200	46,500
GREEN	500	55	-	-	-	-
TOTAL	3,540,200	663,290	7,470,200	392,180	2,215,900	241,170

SPECIES	SPEARS		DREDGES		TONGS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FLOUNDERS	2,300	$345	-	-	-	-
OYSTERS, MARKET:						
PUBLIC:						
SPRING	-	-	1,857,100	$445,607	-	-
FALL	-	-	225,200	62,425	-	-
PRIVATE:						
SPRING	-	-	6,069,300	1,528,337	158,500	$53,400
FALL	-	-	1,237,900	505,695	111,100	46,223
TOTAL	2,300	345	9,389,500	2,542,064	269,600	99,623

SPECIES	BRUSH TRAPS		GRABS		BY HAND	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CRABS, BLUE, SOFT AND PEELER	339,700	$169,850	-	-	-	-
OYSTERS, MARKET:						
PUBLIC:						
SPRING	-	-	-	-	300	$95
FALL	-	-	-	-	800	305
PRIVATE, FALL	-	-	-	-	7,300	3,037
FROGS	-	-	9,200	$2,710	-	-
TOTAL	339,700	169,850	9,200	2,710	8,400	3,437

GULF FISHERIES

TEXAS

OPERATING UNITS BY GEAR, 1959

ITEM	HAUL SEINES, COMMON	PURSE SEINES, MENHADEN	OTTER TRAWLS		POTS, CRAB
			FISH	SHRIMP	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS	-	441	10	4,222	-
ON BOATS AND SHORE:					
REGULAR	30	-	-	768	20
CASUAL	6	-	-	50	9
TOTAL	36	441	10	5,040	29
VESSELS, MOTOR	-	17	1	1,564	-
NET TONNAGE	-	1,261	63	43,661	-
BOATS:					
MOTOR	14	-	-	487	29
OTHER	3	-	-	-	-
ACCESSORY BOATS	-	51	-	-	-
GEAR:					
NUMBER	14	17	1	3,541	1,695
LENGTH, YARDS	2,800	8,300	-	-	-
YARDS AT MOUTH	-	-	28	54,262	-

ITEM	GILL NETS, ANCHOR	TRAMMEL NETS	LINES		
			HAND	LONG OR SET WITH HOOKS	TROT WITH BAITS
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS	-	-	499	6	-
ON BOATS AND SHORE:					
REGULAR	49	65	22	144	2
CASUAL	-	1	48	22	-
TOTAL	49	66	569	172	2
VESSELS, MOTOR	-	-	158	1	-
NET TONNAGE	-	-	4,159	83	-
BOATS:					
MOTOR	44	49	36	166	2
OTHER	-	7	-	-	-
GEAR:					
NUMBER	42	47	574	221	2
SQUARE YARDS	23,261	28,610	-	-	-
HOOKS OR BAITS	-	-	1,264	486,430	750

ITEM	SPEARS	DREDGES, OYSTER	TONGS, OYSTER	BY HAND, OYSTER	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS	-	133	-	-	4,885
ON BOATS AND SHORE:					
REGULAR	29	300	95	4	1,040
CASUAL	12	-	-	4	143
TOTAL	41	433	95	8	6,068
VESSELS, MOTOR	-	46	-	-	1,628
NET TONNAGE	-	449	-	-	45,612
BOATS:					
MOTOR	-	144	66	1	747
OTHER	-	2	-	-	12
ACCESSORY BOATS	-	-	-	-	51
GEAR:					
NUMBER	41	190	95	-	-
YARDS AT MOUTH	-	190	-	-	-

NOTE:--DOES NOT INCLUDE ONE TRAP LIFT TYPE NET USED EXPERIMENTALLY FOR RED SNAPPER.

TEXAS - CATCH BY GEAR, 1959

SPECIES	HAUL SEINES		PURSE SEINES		OTTER TRAWLS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CROAKER	5,000	$500	-	-	17,100	$1,679
DRUM:						
BLACK	117,800	9,816	-	-	2,600	258
RED	19,100	3,620	-	-	-	-
FLOUNDERS	-	-	-	-	62,000	13,266
GROUPERS	-	-	-	-	1,000	150
KING WHITING OR "KINGFISH"	600	60	-	-	46,300	4,340
MENHADEN	-	-	117,424,200	$1,526,512	-	-
MULLET	9,400	470	-	-	-	-
POMPANO	7,400	2,960	-	-	100	18
SEA CATFISH	5,000	500	-	-	29,300	2,926
SEA TROUT OR WEAKFISH:						
SPOTTED	77,500	18,000	-	-	-	-
WHITE	8,700	870	-	-	-	-
SHEEPSHEAD, SALT-WATER	6,000	720	-	-	10,000	1,200
SNAPPER, RED	-	-	-	-	34,600	8,950
SPANISH MACKEREL	300	30	-	-	-	-
UNCLASSIFIED, FOR FOOD	-	-	-	-	125,000	2,500
CRABS, BLUE, HARD	-	-	-	-	255,600	12,780
SHRIMP	-	-	-	-	84,561,200	23,192,641
SQUID	-	-	-	-	9,200	949
TOTAL	256,800	37,546	117,424,200	1,526,512	85,154,000	23,241,657

SPECIES	POTS		GILL NETS, ANCHOR		TRAMMEL NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH	-	-	1,000	$100	-	-
CATFISH AND BULLHEADS	-	-	15,000	1,800	-	-
CROAKER	-	-	-	-	5,800	$580
DRUM:						
BLACK	-	-	234,900	18,183	151,200	13,526
RED	-	-	167,900	33,580	179,600	34,661
FLOUNDERS	-	-	7,600	1,520	8,900	1,688
KING WHITING OR "KINGFISH"	-	-	-	-	400	40
MULLET	-	-	-	-	9,500	475
SEA CATFISH	-	-	1,800	180	9,000	900
SEA TROUT OR WEAKFISH:						
SPOTTED	-	-	280,800	56,160	308,300	61,796
WHITE	-	-	-	-	1,000	100
SHEEPSHEAD:						
FRESH-WATER	-	-	2,000	200	200	20
SALT-WATER	-	-	-	-	19,500	2,130
CRABS, BLUE, HARD	928,400	$61,516	-	-	-	-
TOTAL	928,400	61,516	711,000	111,723	693,400	115,916

SPECIES	LINES					
	HAND		LONG OR SET WITH HOOKS		TROT WITH BAITS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CABIO	1,700	$170	-	-	-	-
CATFISH AND BULLHEADS	-	-	55,800	$9,010	-	-
DRUM:						
BLACK	15,300	1,121	766,200	46,287	-	-
RED	22,100	4,277	574,400	100,615	-	-
FLOUNDERS	-	-	9,100	2,230	-	-
GROUPERS	110,700	8,405	-	-	-	-
JEWFISH	20,200	2,020	-	-	-	-
POMPANO	5,700	2,030	-	-	-	-
SEA CATFISH	200	20	2,400	240	-	-
SEA TROUT OR WEAKFISH, SPOTTED	30,100	5,908	402,500	69,714	-	-
SHEEPSHEAD:						
FRESH-WATER	-	-	100	8	-	-
SALT-WATER	5,000	600	3,300	220	-	-
SNAPPER, RED 1/	1,630,500	425,882	-	-	-	-
SPANISH MACKEREL	400	60	-	-	-	-
TUNA, YELLOWFIN	-	-	1,500	180	-	-
CRABS, BLUE, HARD	-	-	-	-	8,400	$431
TOTAL	1,841,900	450,493	1,815,300	228,504	8,400	431

SPECIES	SPEARS		DREDGES		TONGS		BY HAND	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FLOUNDERS	92,300	$18,547	-	-	-	-	-	-
OYSTERS, MARKET:								
PUBLIC:								
SPRING	-	-	621,900	$179,003	77,900	$20,511	6,100	$1,398
FALL	-	-	588,800	159,728	95,900	29,661	4,200	1,184
PRIVATE:								
SPRING	-	-	6,400	2,105	-	-	-	-
FALL	-	-	10,000	2,295	-	-	-	-
TOTAL	92,300	18,547	1,227,100	343,131	173,800	50,172	10,300	2,582

1/ THE HAND LINE CATCH INCLUDES 300 POUNDS WITH A VALUE OF $75 TAKEN EXPERIMENTALLY BY A TRAP LIFT TYPE NET.

GULF SHRIMP FISHERY

Detailed catch statistics on the landings of shrimp by United States craft at Gulf of Mexico ports were collected during 1959 for the fourth consecutive year. The data summarized on a monthly basis in the following tabulations include information on species by size, volume, and value landed in each State; the number of fishing trips; days fished; and the catch by area, depth, and size of shrimp. Catch figures represent the heads-off weight, therefore, are not directly comparable with the heads-on (live weight) quantities published in the General Review, regional tables, or the Review of Certain Major Fisheries. The pounds of heads-off shrimp may be converted to a heads-on weight by multiplying by 1.68.

Conversion of the offshore-type shrimp trawlers from the single to a two-trawl rig continued into 1959. Lower earnings, due to reduced prices and a decline in the average size of shrimp taken, curtailed new construction in the fleet. Only 135 vessels, principally shrimp trawlers, received first documents as fishing craft in the Gulf States in 1959 compared with 270 the previous year.

Landings at Gulf of Mexico ports in 1959 totaled 115 million pounds (heads-off) with a dockside value of 50 million dollars to the fishermen. Compared with 1958, this was an increase of 12 percent in volume but a decrease of 21 percent in value. The average price for all size categories declined compared with the previous year. The greatest reduction occurred in the 26-30 count shrimp which averaged only 49 cents per pound -- a decline of 21 cents.

Landings from the Sanibel and Tortugas area, and the Apalachicola area were 44 percent and 58 percent, respectively, less than the previous year. Landings from the high seas off Mexico, west of 94 degrees, were practically unchanged from the previous year while all other areas in the Gulf of Mexico registered considerable gains. Three varieties of shrimp made up the bulk of the catch: brown shrimp (Penaeus aztecus), 61 percent; pink shrimp (Penaeus duorarum), 16 percent; and white shrimp (Penaeus setiferus), 21 percent. The catch of sea bobs (Xiphopenaeus kroyeri) accounted for only 2 percent of the catch.

Shrimp otter-trawl fishing craft operating out of United States Gulf of Mexico ports completed approximately 169 thousand trips and fished more than 176 thousand 24-hour days. Compared with 1958, there was a significant increase in fishing effort in the waters off Louisiana (up 30 percent), the area off Alabama and Mississippi (up 93 percent), and the Texas Coast (up 11 percent).

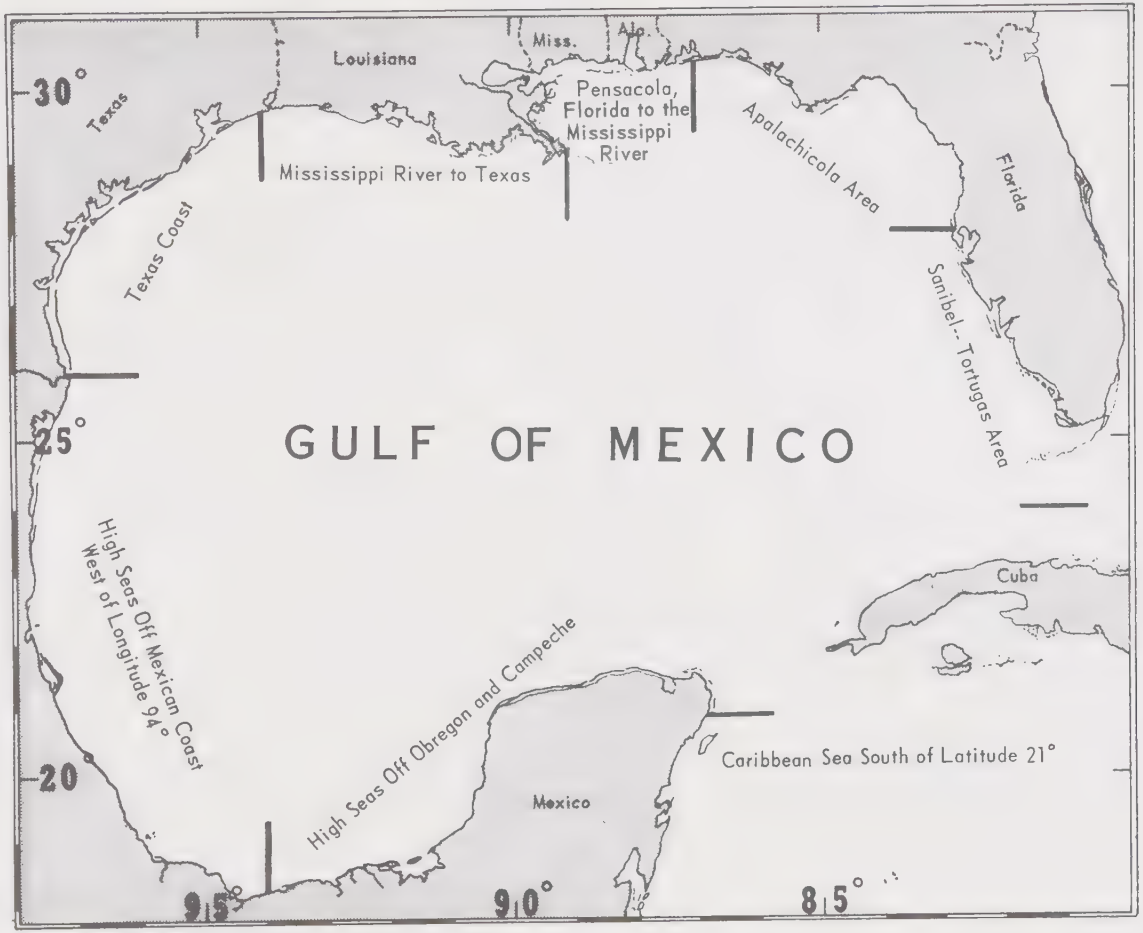
Information on the landings and catch of shrimp in the Gulf areas contained in the following tables has been previously published in Current Fishery Statistics No. 2291. Monthly data on the landings and value of shrimp by variety and size for the South Atlantic States are included in Section 5 of this Digest.

SUMMARY OF SHRIMP LANDINGS, 1959

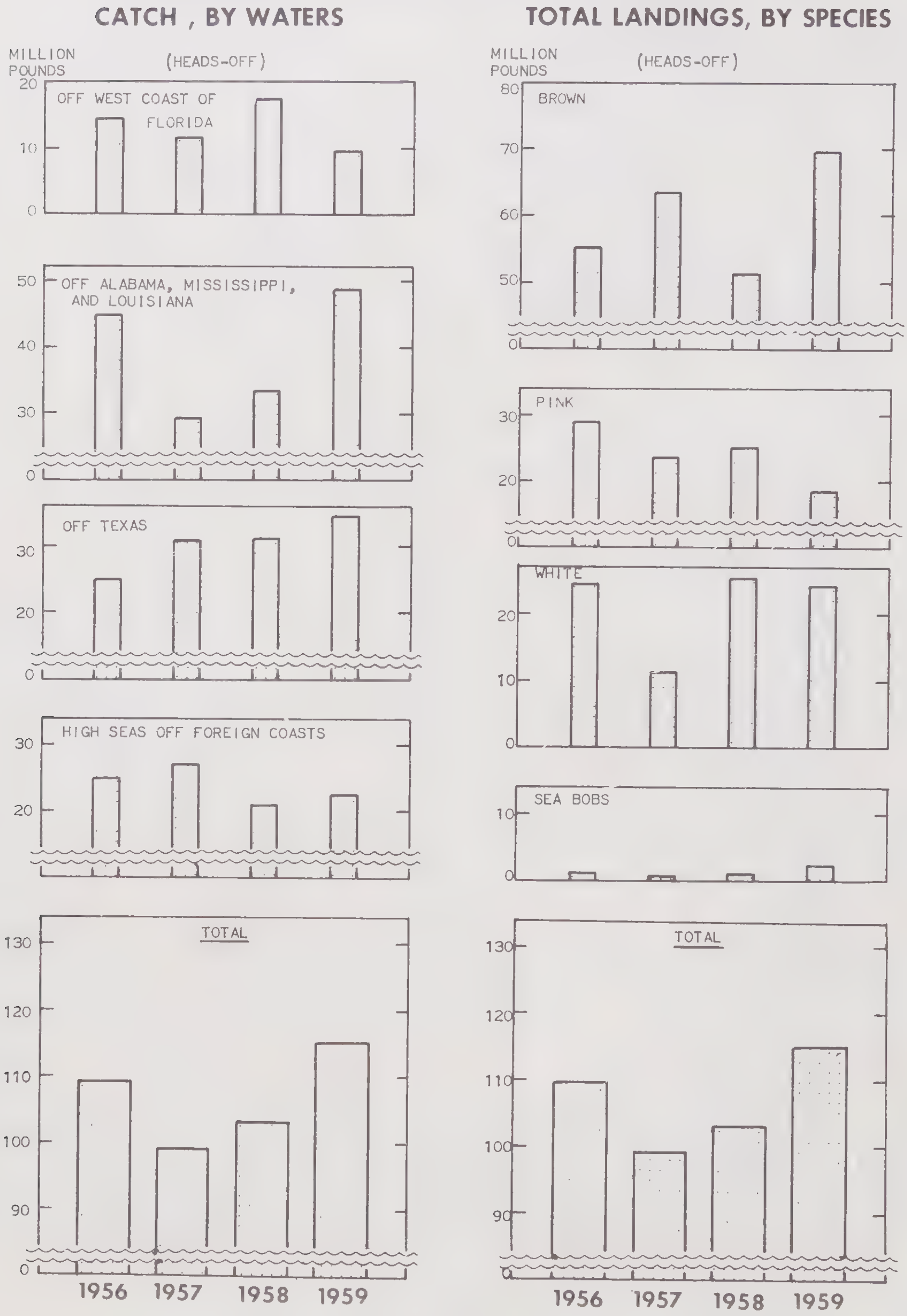
SIZE	BROWN		PINK		WHITE		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
UNDER 15 . .	1,420,276	$1,025,159	49,468	$38,961	87,090	$62,675	1,556,834	$1,126,795
15 - 20. . .	6,332,455	4,171,154	878,258	654,241	2,924,529	1,895,695	10,135,242	6,721,090
21 - 25. . .	9,846,499	5,388,271	3,915,995	2,442,388	4,461,230	2,417,636	18,223,724	10,248,295
26 - 30. . .	10,731,549	5,132,715	3,652,678	2,049,928	4,359,247	2,070,655	18,743,474	9,253,298
31 - 40. . .	18,420,156	7,453,847	4,710,447	2,424,554	6,420,063	2,545,530	29,550,666	12,423,931
41 - 50. . .	8,383,554	2,753,364	2,625,022	1,194,052	2,330,342	811,604	13,338,918	4,759,020
51 - 67. . .	4,756,202	1,422,556	1,142,446	403,064	2,550,019	685,850	8,448,667	2,511,470
68 AND OVER.	9,897,729	2,319,829	1,488,932	367,748	1,442,703	333,803	12,829,364	3,021,380
TOTAL .	69,788,420	29,666,895	18,463,246	9,574,936	24,575,223	10,823,448	112,826,889	50,065,279

NOTE:--THIS TABLE DOES NOT INCLUDE DATA ON 2,353,739 POUNDS OF SEA BOBS, VALUED AT $278,853.

Chart depicting the major statistical areas used in reporting the shrimp catch by fishing craft on trips completed during 1959.


30°
Texas
Louisiana
Miss.
Ala.
Pensacola, Florida to the Mississippi River
Mississippi River to Texas
Texas Coast
Apalachicola Area
Florida
Sanibel-- Tortugas Area
25°
GULF OF MEXICO
High Seas Off Mexican Coast West of Longitude 94°
Cuba
High Seas Off Obregon and Campeche
Caribbean Sea South of Latitude 21°
20
Mexico
95°
90°
85°

GULF COAST SHRIMP LANDINGS, 1956 - 1959



FLORIDA, WEST COAST SHRIMP LANDINGS, BY MONTHS, 1959

SPECIES AND SIZE	JANUARY		FEBRUARY		MARCH	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BROWN:						
15 - 20.	-	-	966	$758	7,189	$5,608
21 - 25.	957	$699	23,953	17,581	9,808	7,318
26 - 30.	1,231	854	16,064	11,064	7,383	5,062
31 - 40.	335	214	2,679	1,724	7,181	4,504
41 - 50.	78	41	1,716	984	5,559	3,060
51 - 67.	579	266	407	187	4,624	2,088
68 AND OVER.	118	35	47	14	6,625	1,986
TOTAL	3,298	2,109	45,832	32,312	48,369	29,626
PINK:						
UNDER 15	-	-	145	116	-	-
15 - 20.	174,469	138,358	189,587	151,473	52,185	41,346
21 - 25.	435,735	327,874	434,127	329,354	257,639	192,267
26 - 30.	349,142	245,593	280,085	198,348	233,674	161,774
31 - 40.	455,049	282,232	366,059	232,236	314,332	195,618
41 - 50.	342,739	177,951	186,368	99,609	194,108	101,952
51 - 67.	165,524	65,776	99,200	41,393	134,560	56,630
68 AND OVER.	151,803	43,309	157,336	45,530	332,513	94,102
TOTAL	2,074,461	1,281,093	1,712,907	1,098,059	1,519,011	843,689
WHITE:						
15 - 20.	18,781	14,903	5,481	4,480	1,050	824
21 - 25.	32,089	24,095	60,904	46,355	19,155	14,266
26 - 30.	14,579	9,932	6,593	4,647	2,340	1,648
31 - 40.	7,755	4,834	2,747	1,797	-	-
41 - 50.	3,814	2,023	614	345	120	67
51 - 67.	2,337	1,005	317	146	-	-
68 AND OVER.	5,612	1,715	14	4	66	22
TOTAL	84,967	58,507	76,670	57,774	22,731	16,827
SEA BOBS	1,120	134	-	-	-	-
TOTAL, 1959	2,163,846	1,341,843	1,835,409	1,188,145	1,590,111	890,142
TOTAL, 1958	2,552,531	1,567,505	2,174,822	1,505,425	2,712,936	1,769,061

SPECIES AND SIZE	APRIL		MAY		JUNE	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BROWN:						
15 - 20.	1,725	$1,278	5,134	$3,731	356	$247
21 - 25.	5,214	3,710	7,792	5,206	2,124	1,333
26 - 30.	5,615	3,744	17,464	11,251	9,171	5,433
31 - 40.	30,707	17,571	43,148	24,341	46,621	25,296
41 - 50.	49,869	23,704	37,271	16,986	36,375	15,280
51 - 67.	96,458	35,697	55,487	20,872	14,248	5,017
68 AND OVER.	12,358	3,878	81,300	23,948	43,095	10,460
TOTAL	201,946	89,582	247,596	106,335	151,990	63,066
PINK:						
15 - 20.	75,358	57,088	32,501	24,780	31,301	22,882
21 - 25.	312,954	223,974	126,744	88,986	96,326	63,709
26 - 30.	200,029	133,645	171,106	113,142	293,096	176,527
31 - 40.	460,464	272,183	412,901	239,988	545,753	297,407
41 - 50.	283,596	139,643	480,122	233,124	422,976	195,157
51 - 67.	159,154	61,468	168,791	61,336	50,395	17,786
68 AND OVER.	226,885	54,656	309,893	68,643	72,994	15,764
TOTAL	1,718,440	942,657	1,702,058	829,999	1,512,814	789,232
WHITE:						
15 - 20.	485	374	4,273	3,429	3,246	2,265
21 - 25.	10,038	7,228	11,130	7,521	302	200
26 - 30.	26,246	17,329	4,677	2,955	3,138	1,972
31 - 40.	135	84	11,390	6,536	8,813	4,941
41 - 50.	-	-	883	356	9,540	4,267
68 AND OVER.	-	-	6	2	-	-
TOTAL	36,904	25,015	32,359	20,799	25,039	13,645
SEA BOBS	67	13	-	-	-	-
TOTAL, 1959	1,957,357	1,057,267	1,982,013	957,133	1,689,843	865,943
TOTAL, 1958	3,367,631	1,861,291	3,558,593	1,644,117	2,334,391	1,407,162

SEE NOTE ON PAGE 242.

(CONTINUED ON NEXT PAGE)

FLORIDA, WEST COAST SHRIMP LANDINGS, BY MONTHS, 1959 - Continued

SPECIES AND SIZE	JULY		AUGUST		SEPTEMBER	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BROWN:						
UNDER 15	164	$110	-	-	-	-
15 - 20	259	166	2,790	$1,786	8,994	$5,165
21 - 25	8,685	5,156	17,050	10,065	22,529	13,516
26 - 30	15,760	8,604	12,103	6,461	976	508
31 - 40	22,783	10,270	17,100	7,125	10,555	4,385
41 - 50	8,942	3,294	802	290	4,305	1,504
51 - 67	23,605	6,171	15,317	5,012	2,507	652
68 AND OVER	6,313	973	10,341	2,468	1,220	245
TOTAL	86,511	34,744	75,503	33,207	51,086	25,975
PINK:						
15 - 20	14,834	10,593	12,172	8,813	6,395	4,286
21 - 25	100,191	60,899	37,278	22,881	58,433	34,552
26 - 30	267,156	134,865	190,238	96,800	301,315	145,452
31 - 40	318,657	140,374	232,203	103,926	123,376	55,622
41 - 50	43,297	15,283	6,420	2,305	32,314	10,770
51 - 67	16,462	3,831	1,137	262	17,555	4,119
68 AND OVER	6,221	1,038	68	19	418	92
TOTAL	766,818	366,883	479,516	235,006	539,806	254,893
WHITE:						
15 - 20	1,706	1,142	260	190	40	26
21 - 25	-	-	-	-	960	576
26 - 30	7,780	4,045	21,545	11,275	-	-
31 - 40	3,005	1,412	1,450	680	12,885	4,882
41 - 50	-	-	345	114	2,116	752
51 - 67	-	-	2,221	594	14,345	3,826
68 AND OVER	-	-	174	31	28,927	6,758
TOTAL	12,491	6,599	25,995	12,884	59,273	16,820
TOTAL, 1959	865,820	408,226	581,014	281,097	650,165	297,688
TOTAL, 1958	1,296,135	854,150	1,312,733	925,017	1,411,488	763,531

SPECIES AND SIZE	OCTOBER		NOVEMBER		DECEMBER		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BROWN:								
UNDER 15	-	-	-	-	-	-	164	$110
15 - 20	3,383	$1,935	650	$367	-	-	31,446	21,041
21 - 25	13,463	6,966	3,892	1,934	-	-	115,467	73,484
26 - 30	4,250	2,057	4,836	2,292	100	$44	94,953	57,374
31 - 40	1,880	827	753	271	400	164	184,142	96,692
41 - 50	123	33	-	-	-	-	145,040	65,176
51 - 67	5,543	1,381	-	-	-	-	218,775	77,343
68 AND OVER	75	10	30	4	1,745	1,016	163,267	45,037
TOTAL	28,717	13,209	10,161	4,868	2,245	1,224	953,254	436,257
PINK:								
UNDER 15	-	-	-	-	-	-	145	116
15 - 20	26,813	15,672	22,650	12,844	72,229	41,111	710,494	529,246
21 - 25	509,362	268,186	806,148	407,403	435,559	228,853	3,610,496	2,248,938
26 - 30	110,370	50,243	483,446	214,903	620,476	291,909	3,500,106	1,963,201
31 - 40	167,086	64,737	375,813	144,187	681,080	274,724	4,452,773	2,303,234
41 - 50	121,819	39,846	159,848	52,019	228,709	75,815	2,502,316	1,143,474
51 - 67	20,803	5,308	45,782	12,137	219,909	55,711	1,099,272	385,757
68 AND OVER	7,900	1,594	50,671	9,534	160,386	30,328	1,477,088	364,609
TOTAL	964,153	445,586	1,944,358	853,027	2,418,348	998,451	17,352,690	8,938,575
WHITE:								
15 - 20	1,541	868	1,650	941	13,248	7,674	51,761	37,116
21 - 25	29,210	14,505	38,616	19,033	17,491	8,987	219,895	142,766
26 - 30	36,873	16,404	34,167	14,829	7,842	3,718	165,780	88,754
31 - 40	26,011	9,802	13,047	5,093	6,091	2,402	93,329	42,463
41 - 50	15,666	4,867	6,767	2,141	3,703	1,189	43,568	16,121
51 - 67	13,358	3,333	7,270	1,821	4,299	1,163	44,147	11,888
68 AND OVER	60,979	10,242	28,918	4,846	12,054	2,428	136,750	26,048
TOTAL	183,638	60,021	130,435	48,704	64,728	27,561	755,230	365,156
SEA BOBS	1,680	112	75,103	5,806	58,852	4,933	136,822	10,998
TOTAL, 1959	1,178,188	518,928	2,160,057	912,405	2,544,173	1,032,169	19,197,996	9,750,986
TOTAL, 1958	1,686,229	959,878	2,691,580	1,680,229	2,047,703	1,374,591	27,146,772	16,311,957

SEE NOTE ON PAGE 242.

ALABAMA SHRIMP LANDINGS, BY MONTHS, 1959

SPECIES AND SIZE	JANUARY		FEBRUARY		MARCH	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BROWN:						
UNDER 15	-	-	7,341	$6,020	9,089	$7,283
15 - 20	20,472	$16,473	26,187	21,003	54,653	42,039
21 - 25	20,027	14,870	14,963	11,119	1,596	1,158
26 - 30	3,795	2,607	2,694	1,852	1,321	902
31 - 40	2,193	1,366	3,268	2,019	631	403
41 - 50	1,471	731	-	-	257	128
51 - 67	52	22	250	151	288	167
68 AND OVER	-	-	-	-	304	204
TOTAL	48,010	36,069	54,703	42,164	68,139	52,284
WHITE:						
15 - 20	6,583	5,265	429	354	962	730
21 - 25	26,621	19,926	3,945	2,949	527	384
26 - 30	20,469	14,473	865	624	453	322
31 - 40	8,852	5,197	954	572	180	117
41 - 50	5,914	3,477	457	300	-	-
51 - 67	7,261	3,787	296	166	-	-
68 AND OVER	11,974	5,735	30	15	-	-
TOTAL	87,674	57,960	6,976	4,980	2,122	1,553
TOTAL, 1959	135,684	93,929	61,679	47,144	70,261	53,837
TOTAL, 1958	62,051	44,697	46,210	35,258	80,510	65,526

SPECIES AND SIZE	APRIL		MAY		JUNE	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BROWN:						
UNDER 15	6,452	$4,799	1,014	$720	-	-
15 - 20	55,321	41,265	28,930	20,646	7,309	$5,086
21 - 25	1,510	1,022	9,522	6,279	10,023	6,112
26 - 30	518	341	2,741	1,611	38,159	22,230
31 - 40	997	570	7,499	3,935	50,312	23,654
41 - 50	1,582	865	1,021	480	171,197	65,424
51 - 67	1,899	960	7,075	2,983	168,841	48,946
68 AND OVER	8,525	3,539	38,972	12,006	557,999	139,153
TOTAL	76,804	53,361	96,774	48,660	1,003,840	310,605
PINK, 51 - 67, TOTAL	-	-	75	27	-	-
WHITE:						
15 - 20	66	51	3,196	2,313	4,951	3,462
21 - 25	-	-	615	400	412	279
26 - 30	-	-	261	165	-	-
31 - 40	-	-	110	57	15	7
68 AND OVER	-	-	304	106	-	-
TOTAL	66	51	4,486	3,041	5,378	3,748
TOTAL, 1959	76,870	53,412	101,335	51,728	1,009,218	314,353
TOTAL, 1958	87,506	68,158	107,887	64,876	389,137	208,596

SEE NOTE ON PAGE 242.

(CONTINUED ON NEXT PAGE)

ALABAMA SHRIMP LANDINGS, BY MONTHS, 1959 - Continued

SPECIES AND SIZE	JULY		AUGUST		SEPTEMBER	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BROWN:						
15 - 20.	6,879	$4,059	31,358	$20,052	31,800	$19,041
21 - 25.	25,725	13,999	161,362	91,485	125,677	64,843
26 - 30.	64,614	30,786	103,457	51,236	72,952	34,497
31 - 40.	291,671	119,110	139,214	57,643	53,976	21,404
41 - 50.	154,239	50,382	103,427	34,787	30,083	10,508
51 - 67.	320,522	92,611	95,974	29,432	6,369	1,913
68 AND OVER.	259,680	59,396	30,339	7,960	460	103
TOTAL	1,123,330	370,343	665,131	292,595	321,317	152,309
WHITE:						
15 - 20.	-	-	-	-	1,162	645
21 - 25.	-	-	-	-	8,064	4,014
26 - 30.	-	-	277	141	46,344	20,693
31 - 40.	-	-	2,349	955	30,696	12,302
41 - 50.	-	-	32,394	11,332	25,270	9,038
51 - 67.	-	-	95,507	29,957	14,580	4,750
68 AND OVER.	-	-	32,527	8,816	2,267	592
TOTAL	-	-	163,054	51,201	128,383	52,034
TOTAL, 1959	1,123,330	370,343	828,185	343,796	449,700	204,343
TOTAL, 1958	731,589	422,161	562,737	343,835	286,234	187,685

SPECIES AND SIZE	OCTOBER		NOVEMBER		DECEMBER		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BROWN:								
UNDER 15	-	-	-	-	2,886	$1,766	26,782	$20,588
15 - 20.	17,456	$9,834	17,404	$9,890	42,523	24,152	340,292	233,540
21 - 25.	52,653	26,508	68,155	34,650	26,244	13,441	517,457	285,486
26 - 30.	20,831	9,447	33,853	15,625	18,831	8,645	363,766	179,779
31 - 40.	10,627	4,219	7,625	2,951	6,660	2,640	574,673	239,914
41 - 50.	4,159	1,251	3,492	1,043	2,087	634	473,015	166,233
51 - 67.	392	116	-	-	728	216	602,390	177,517
68 AND OVER.	-	-	520	105	207	61	897,006	222,527
TOTAL	106,118	51,375	131,049	64,264	100,166	51,555	3,795,381	1,525,584
PINK:								
21 - 25.	-	-	-	-	50	26	50	26
26 - 30.	-	-	-	-	153	73	153	73
41 - 50.	-	-	-	-	1,035	321	1,035	321
51 - 67.	-	-	-	-	-	-	75	27
68 AND OVER.	-	-	-	-	880	158	880	158
TOTAL	-	-	-	-	2,118	578	2,193	605
WHITE:								
15 - 20.	30,942	17,804	63,320	36,833	22,370	13,180	133,981	80,637
21 - 25.	126,688	65,788	113,446	60,959	30,217	16,293	310,535	170,992
26 - 30.	36,687	16,659	28,624	14,891	24,484	12,294	158,464	80,262
31 - 40.	11,330	4,663	16,110	6,599	11,184	4,604	81,780	35,073
41 - 50.	5,809	1,952	6,212	2,137	6,300	2,370	82,356	30,606
51 - 67.	4,922	1,497	6,593	2,160	9,646	3,334	138,805	45,651
68 AND OVER.	5,277	1,369	4,312	1,291	11,664	3,276	68,355	21,200
TOTAL	221,655	109,732	238,617	124,870	115,865	55,351	974,276	464,421
SEA BOBS	-	-	-	-	476	76	476	76
TOTAL, 1959	327,773	161,107	369,666	189,134	218,625	107,560	4,772,326	1,990,686
TOTAL, 1958	312,051	216,447	278,615	184,448	215,046	142,056	3,159,573	1,983,743

SEE NOTE ON PAGE 242.

MISSISSIPPI SHRIMP LANDINGS, BY MONTHS, 1959

SPECIES AND SIZE	JANUARY		FEBRUARY		MARCH	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BROWN:						
15 - 20.	12,863	$9,855	10,091	$7,420	8,443	$6,265
21 - 25.	4,980	3,592	5,069	3,485	4,003	2,722
26 - 30.	1,681	1,169	6,787	4,337	-	-
31 - 40.	2,462	1,517	1,920	1,150	250	140
41 - 50.	3,043	1,763	968	493	-	-
51 - 67.	3,113	1,572	1,564	710	-	-
68 AND OVER.	6,397	2,797	393	191	-	-
TOTAL	34,539	22,265	26,792	17,786	12,696	9,127
PINK:						
15 - 20.	-	-	-	-	125	95
26 - 30.	-	-	-	-	63	43
31 - 40.	-	-	-	-	780	468
41 - 50.	-	-	-	-	100	55
TOTAL	-	-	-	-	1,068	661
WHITE:						
15 - 20.	5,758	4,281	-	-	1,725	1,265
21 - 25.	16,569	11,832	1,556	1,072	465	338
26 - 30.	22,463	15,389	1,555	1,059	-	-
31 - 40.	23,133	13,933	2,017	1,277	-	-
41 - 50.	10,201	5,691	370	208	-	-
51 - 67.	12,536	5,733	125	58	-	-
68 AND OVER.	17,455	7,149	-	-	-	-
TOTAL	108,115	64,008	5,623	3,674	2,190	1,603
TOTAL, 1959	142,654	86,273	32,415	21,460	15,954	11,391
TOTAL, 1958	77,358	49,387	43,632	28,378	86,624	61,141

SPECIES AND SIZE	APRIL		MAY		JUNE	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BROWN:						
UNDER 15	500	$360	-	-	-	-
15 - 20.	10,612	7,343	11,735	$8,021	-	-
21 - 25.	-	-	-	-	1,681	$937
26 - 30.	50	38	-	-	1,375	630
31 - 40.	-	-	-	-	6,685	2,581
41 - 50.	-	-	-	-	100,961	34,572
51 - 67.	-	-	625	250	599,522	181,203
68 AND OVER.	-	-	5,375	1,480	1,761,551	454,091
TOTAL	11,162	7,741	17,735	9,751	2,471,775	674,014
PINK:						
UNDER 15	120	94	-	-	-	-
15 - 20.	728	511	3,158	2,127	1,402	889
21 - 25.	246	172	5,755	3,756	4,016	2,319
26 - 30.	872	545	4,010	2,551	5,642	3,220
31 - 40.	1,339	760	3,972	2,250	18,878	7,622
41 - 50.	1,970	910	4,000	2,070	30,987	11,345
51 - 67.	1,250	500	2,736	1,186	3,405	1,192
68 AND OVER.	625	200	3,075	930	992	290
TOTAL	7,150	3,692	26,706	14,870	65,322	26,877
WHITE, 15 - 20, TOTAL.	938	670	845	615	1,456	1,044
TOTAL, 1959	19,250	12,103	45,286	25,236	2,538,553	701,935
TOTAL, 1958	79,622	56,646	58,597	39,613	577,117	329,991

SEE NOTE ON PAGE 242.

(CONTINUED ON NEXT PAGE)

MISSISSIPPI SHRIMP LANDINGS, BY MONTHS, 1959 - Continued

SPECIES AND SIZE	JULY		AUGUST		SEPTEMBER	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BROWN:						
15 - 20.	125	$60	7,260	$4,311	6,086	$3,359
21 - 25.	1,480	840	31,995	17,708	47,911	24,570
26 - 30.	8,160	3,794	73,723	35,664	54,180	25,169
31 - 40.	260,925	106,632	212,918	86,694	33,885	13,640
41 - 50.	566,700	142,457	203,502	73,807	8,810	3,161
51 - 67.	670,904	213,032	159,159	51,001	7,500	2,415
68 AND OVER.	305,830	82,900	17,517	4,914	8,750	2,115
TOTAL	1,814,124	549,715	706,074	274,099	167,122	74,429
PINK:						
15 - 20.	963	515	550	330	-	-
21 - 25.	1,317	684	3,337	1,867	-	-
26 - 30.	9,742	4,758	10,033	4,926	-	-
31 - 40.	38,529	16,048	2,638	1,105	-	-
41 - 50.	1,545	560	-	-	-	-
TOTAL	52,096	22,565	16,558	8,228	-	-
WHITE:						
15 - 20.	1,417	741	353	232	8,750	4,550
21 - 25.	-	-	-	-	29,781	14,351
26 - 30.	-	-	8,200	3,624	159,260	70,307
31 - 40.	-	-	46,878	18,823	208,948	83,568
41 - 50.	-	-	78,080	28,171	81,272	29,335
51 - 67.	-	-	146,398	47,374	19,560	6,262
68 AND OVER.	-	-	49,266	13,744	3,527	923
TOTAL	1,417	741	329,175	111,968	511,098	209,296
TOTAL, 1959	1,867,637	573,021	1,051,807	394,295	678,220	283,725
TOTAL, 1958	1,166,463	695,122	785,413	491,304	535,258	346,411

SPECIES AND SIZE	OCTOBER		NOVEMBER		DECEMBER		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BROWN:								
UNDER 15	-	-	-	-	105	$70	604	$430
15 - 20.	4,970	$2,723	2,440	$1,366	8,718	4,958	83,343	55,681
21 - 25.	24,420	12,086	8,861	4,506	9,941	4,964	140,341	75,410
26 - 30.	14,679	6,822	12,961	5,970	3,393	1,541	176,989	85,134
31 - 40.	16,094	6,433	10,083	3,964	1,620	650	546,842	223,401
41 - 50.	5,048	1,766	9,205	3,243	3,529	1,266	901,766	262,528
51 - 67.	19,473	6,206	11,857	3,793	7,058	2,233	1,480,775	462,415
68 AND OVER.	6,316	1,784	8,196	2,159	6,793	1,778	2,127,118	554,209
TOTAL	91,000	37,820	63,603	25,001	41,157	17,460	5,457,779	1,719,208
PINK:								
UNDER 15	-	-	-	-	-	-	120	94
15 - 20.	-	-	-	-	-	-	6,926	4,467
21 - 25.	-	-	-	-	-	-	14,671	8,798
26 - 30.	-	-	-	-	-	-	30,362	16,043
31 - 40.	-	-	-	-	-	-	66,136	28,253
41 - 50.	-	-	-	-	-	-	38,602	14,940
51 - 67.	-	-	-	-	-	-	7,391	2,878
68 AND OVER.	-	-	-	-	-	-	4,692	1,420
TOTAL	-	-	-	-	-	-	168,900	76,893
WHITE:								
15 - 20.	13,051	7,883	18,257	9,373	6,556	3,497	59,106	34,151
21 - 25.	175,869	86,311	90,455	45,371	33,095	16,622	347,790	175,897
26 - 30.	222,030	98,115	105,625	46,748	33,646	15,038	552,779	250,280
31 - 40.	84,768	33,779	54,908	22,012	13,554	5,428	434,206	178,820
41 - 50.	14,322	5,371	15,938	5,674	2,575	911	202,758	75,361
51 - 67.	10,731	3,429	17,793	5,658	2,651	858	209,794	69,372
68 AND OVER.	1,875	525	10,422	2,850	5,214	1,399	87,759	26,590
TOTAL	522,646	235,413	313,398	137,686	97,291	43,753	1,894,192	810,471
SEA BOBS	-	-	-	-	375	75	375	75
TOTAL, 1959	613,646	273,233	377,001	162,687	138,823	61,288	7,521,246	2,606,647
TOTAL, 1958	522,871	328,301	469,178	285,793	187,145	113,548	4,589,278	2,825,635

SEE NOTE ON PAGE 242.

LOUISIANA SHRIMP LANDINGS, BY MONTHS, 1959

SPECIES AND SIZE	JANUARY		FEBRUARY		MARCH	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BROWN:						
UNDER 15	65	$53	1,014	$815	4,108	$3,452
15 - 20.	11,654	9,677	25,690	20,768	103,452	82,518
21 - 25.	89,404	71,245	86,233	66,717	85,899	65,257
26 - 30.	79,448	59,847	28,056	19,692	7,237	4,818
31 - 40.	33,437	21,378	22,637	14,015	2,298	1,403
41 - 50.	20,299	11,027	8,993	4,830	153	82
51 - 67.	9,281	3,903	2,409	1,057	603	295
68 AND OVER.	4,459	1,611	733	270	-	-
TOTAL	248,047	178,741	175,765	128,164	203,750	157,825
WHITE:						
UNDER 15	35	29	-	-	1,099	1,167
15 - 20.	36,860	30,643	6,064	4,971	878	741
21 - 25.	46,848	37,230	3,620	2,803	1,249	1,015
26 - 30.	30,637	21,795	2,009	1,424	401	230
31 - 40.	50,919	31,386	3,210	2,060	333	144
41 - 50.	27,766	14,796	4,799	2,508	9,161	5,629
51 - 67.	161,500	53,273	27,746	10,734	326	124
68 AND OVER.	30,130	8,978	1,129	273	7,776	2,387
TOTAL	384,695	198,130	48,577	24,773	21,223	11,437
SEA BOBS	11,983	1,745	943	165	-	-
TOTAL, 1959	644,725	378,616	225,285	153,102	224,973	169,262
TOTAL, 1958	425,004	274,971	223,700	168,951	316,770	243,768

SPECIES AND SIZE	APRIL		MAY		JUNE	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BROWN:						
UNDER 15	71,302	$53,790	60,292	$44,550	15,255	$11,114
15 - 20.	322,879	243,640	244,277	177,286	80,112	58,392
21 - 25.	46,691	32,390	42,241	27,109	17,960	11,442
26 - 30.	9,385	5,601	18,052	10,392	25,148	13,510
31 - 40.	8,161	4,422	6,037	3,006	307,078	135,660
41 - 50.	6,425	2,790	8,035	2,865	595,923	217,204
51 - 67.	125	50	69,857	18,744	1,356,077	369,540
68 AND OVER.	102	21	2,639,698	660,175	3,644,423	735,778
TOTAL	465,070	342,704	3,088,489	944,127	6,041,976	1,552,640
WHITE:						
UNDER 15	-	-	2,357	1,764	2,115	1,606
15 - 20.	3,889	2,925	149,601	111,745	255,918	192,577
21 - 25.	1,489	1,017	47,400	31,118	4,634	3,137
26 - 30.	3,552	2,162	41,554	24,670	417	219
31 - 40.	33,228	16,951	117,052	60,246	13,449	5,561
41 - 50.	27,886	12,528	8,174	3,748	2,333	902
51 - 67.	57,833	23,490	3,538	1,408	3,032	831
68 AND OVER.	12,950	5,000	810	174	2,013	448
TOTAL	140,827	64,073	370,486	234,873	283,911	205,281
TOTAL, 1959	605,897	406,777	3,458,975	1,179,000	6,325,887	1,757,921
TOTAL, 1958	390,918	290,661	1,017,939	610,733	3,106,968	1,604,315

SEE NOTE ON PAGE 242.

(CONTINUED ON NEXT PAGE)

LOUISIANA SHRIMP LANDINGS, BY MONTHS, 1959 - Continued

SPECIES AND SIZE	JULY		AUGUST		SEPTEMBER	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BROWN:						
UNDER 15	5,273	$3,727	150	$109	1,915	$1,071
15 - 20.	76,805	53,609	83,133	56,777	131,466	77,985
21 - 25.	145,352	82,030	238,641	135,966	155,503	81,260
26 - 30.	271,799	129,140	351,906	173,757	220,112	105,089
31 - 40.	1,628,928	618,936	626,800	247,226	183,580	72,072
41 - 50.	664,419	206,518	124,588	41,652	19,136	6,056
51 - 67.	147,376	39,765	22,944	6,426	7,866	2,153
63 AND OVER.	70,254	13,811	6,603	1,465	135	37
TOTAL	3,010,206	1,147,536	1,454,765	663,378	719,713	345,723
PINK:						
26 - 30.	-	-	750	366	-	-
31 - 40.	-	-	700	286	-	-
TOTAL	-	-	1,450	652	-	-
WHITE:						
UNDER 15	25	19	45	34	-	-
15 - 20.	57,392	42,514	18,951	14,144	23,658	14,238
21 - 25.	-	-	15,775	7,875	226,338	122,638
26 - 30.	-	-	169,019	57,260	952,860	463,755
31 - 40.	-	-	745,333	255,707	1,450,810	606,139
41 - 50.	-	-	625,250	217,336	202,414	69,162
51 - 67.	6,700	1,593	341,434	100,274	239,371	69,998
68 AND OVER.	14,134	2,695	147,210	35,879	130,961	32,792
TOTAL	78,251	46,821	2,063,017	688,509	3,226,412	1,378,722
SEA BOBS	-	-	-	-	5,531	553
TOTAL, 1959	3,088,457	1,194,357	3,519,232	1,352,539	3,951,656	1,724,998
TOTAL, 1958	1,262,999	834,575	3,318,585	2,008,767	2,857,192	1,715,841

SPECIES AND SIZE	OCTOBER		NOVEMBER		DECEMBER		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BROWN:								
UNDER 15	3,520	$1,992	110	$68	3,050	$1,990	166,054	$122,731
15 - 20.	79,961	44,305	4,574	2,619	26,616	16,450	1,190,619	844,026
21 - 25.	83,951	42,174	14,591	7,727	77,963	41,977	1,084,429	665,294
26 - 30.	59,536	27,549	29,196	13,706	180,116	89,001	1,279,991	652,102
31 - 40.	64,380	24,821	31,942	13,061	55,808	22,633	2,971,086	1,178,633
41 - 50.	2,762	929	5,906	2,038	4,446	1,479	1,461,085	497,470
51 - 67.	3,564	969	1,537	517	2,064	680	1,623,703	444,099
68 AND OVER.	43	11	-	-	64	19	6,366,514	1,413,198
TOTAL	297,717	142,750	87,856	39,736	350,127	174,229	16,143,481	5,817,553
PINK:								
26 - 30.	-	-	-	-	-	-	750	366
31 - 40.	-	-	45	18	-	-	745	304
TOTAL	-	-	45	18	-	-	1,495	670
WHITE:								
UNDER 15	1,270	841	4,030	2,657	23,132	16,032	34,108	24,149
15 - 20.	729,110	448,574	483,816	297,239	343,325	218,071	2,109,462	1,378,382
21 - 25.	1,140,212	602,245	666,163	367,323	231,619	128,487	2,385,347	1,304,888
26 - 30.	800,337	382,219	303,846	149,616	160,282	79,643	2,464,914	1,182,993
31 - 40.	1,119,646	412,926	505,735	203,711	136,240	56,640	4,175,955	1,651,471
41 - 50.	224,318	78,751	201,250	68,925	76,594	25,637	1,409,945	499,922
51 - 67.	321,609	91,665	242,640	65,590	76,298	22,251	1,482,027	441,231
68 AND OVER.	325,854	74,261	355,895	72,012	81,598	17,429	1,110,460	252,328
TOTAL	4,662,356	2,091,482	2,763,375	1,227,073	1,129,088	564,190	15,172,218	6,735,364
SEA BOBS	526,107	54,935	975,247	113,372	517,985	78,815	2,037,796	249,585
TOTAL, 1959	5,486,180	2,289,167	3,826,523	1,380,199	1,997,200	817,234	33,354,990	12,803,172
TOTAL, 1958	4,800,569	2,653,481	3,355,702	1,519,310	2,558,189	1,123,421	23,634,535	13,048,794

SEE NOTE ON PAGE 242.

TEXAS SHRIMP LANDINGS, BY MONTHS, 1959

SPECIES AND SIZE	JANUARY		FEBRUARY		MARCH	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BROWN:						
UNDER 15	76,261	$67,108	119,647	$100,774	120,874	$98,758
15 - 20.	242,009	192,416	184,791	145,691	288,960	222,269
21 - 25.	217,000	163,433	204,095	150,864	194,587	147,703
26 - 30.	137,393	97,607	150,651	102,081	110,438	71,460
31 - 40.	153,661	98,986	175,878	106,398	96,075	55,329
41 - 50.	33,823	19,299	52,401	27,616	23,246	11,667
51 - 67.	9,341	4,867	19,975	9,597	11,908	5,331
68 AND OVER.	-	-	1,364	614	280	126
TOTAL	869,488	643,716	908,802	643,635	846,368	612,643
PINK:						
UNDER 15	6,675	5,806	10,403	8,716	11,650	9,492
15 - 20.	20,900	17,141	27,863	21,882	31,253	24,303
21 - 25.	33,225	24,674	38,143	27,723	37,008	25,626
26 - 30.	3,194	2,301	14,479	9,684	19,887	12,739
31 - 40.	6,929	4,462	8,344	5,042	19,169	10,866
41 - 50.	1,316	754	2,487	1,305	8,262	3,969
51 - 67.	2,090	1,091	1,353	636	2,083	923
TOTAL	74,329	56,229	103,072	74,988	129,312	87,918
WHITE:						
UNDER 15	4,223	3,657	1,130	973	3,105	2,539
15 - 20.	14,149	11,525	4,134	3,364	6,070	4,716
21 - 25.	14,075	10,415	3,452	2,582	2,800	2,015
26 - 30.	14,223	9,631	690	504	2,165	1,396
31 - 40.	10,608	6,393	603	394	7,505	4,327
41 - 50.	2,386	1,161	73	40	10,572	5,260
51 - 67.	855	409	15	3	9,363	4,094
68 AND OVER.	30	8	-	-	443	115
TOTAL	60,549	43,199	10,097	7,865	42,023	24,462
SEA BOBS	5,433	634	-	-	-	-
TOTAL, 1959	1,009,799	743,778	1,021,971	726,488	1,017,703	725,023
TOTAL, 1958	1,868,272	1,453,138	1,385,661	1,134,931	1,524,285	1,239,565

SPECIES AND SIZE	APRIL		MAY		JUNE	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BROWN:						
UNDER 15	87,665	$68,270	73,885	$54,427	71,815	$54,025
15 - 20.	230,542	171,089	297,872	210,314	263,060	190,709
21 - 25.	129,847	89,354	157,541	101,338	159,333	101,570
26 - 30.	78,435	48,767	72,323	42,664	102,486	60,466
31 - 40.	62,377	34,291	63,560	32,345	536,793	260,146
41 - 50.	15,709	7,533	35,249	15,172	230,190	95,716
51 - 67.	6,273	2,696	26,906	10,236	77,424	28,822
68 AND OVER.	-	-	3,842	775	34,538	7,152
TOTAL	610,848	422,000	731,178	467,271	1,475,639	798,606
PINK:						
UNDER 15	8,570	6,702	1,685	1,250	690	523
15 - 20.	40,963	31,336	5,533	3,991	5,573	4,003
21 - 25.	46,021	31,449	6,749	4,401	11,745	7,398
26 - 30.	20,694	12,845	7,993	4,638	10,554	6,300
31 - 40.	33,086	17,920	16,387	8,412	22,582	11,176
41 - 50.	17,779	8,679	10,929	4,632	14,217	6,127
51 - 67.	5,114	2,227	11,641	4,462	12,679	4,802
TOTAL	172,227	111,158	60,917	31,786	78,040	40,329
WHITE:						
UNDER 15	2,110	1,667	13,871	10,274	8,505	6,351
15 - 20.	11,188	8,587	131,631	92,070	59,847	43,928
21 - 25.	10,678	7,214	44,405	28,529	7,327	4,816
26 - 30.	12,533	7,819	9,860	5,808	750	447
31 - 40.	42,520	23,282	14,550	7,683	4,639	1,981
41 - 50.	24,972	11,829	815	355	1,612	564
51 - 67.	8,336	3,643	569	214	193	79
68 AND OVER.	113	28	667	193	-	-
TOTAL	112,450	64,069	216,368	145,126	82,873	58,166
TOTAL, 1959	895,525	597,227	1,008,463	644,183	1,636,552	897,101
TOTAL, 1958	1,365,118	1,038,692	1,738,371	1,345,527	3,195,242	2,006,974

SEE NOTE ON PAGE 242.

(CONTINUED ON NEXT PAGE)

TEXAS SHRIMP LANDINGS, BY MONTHS, 1959 - Continued

SPECIES AND SIZE	JULY		AUGUST		SEPTEMBER	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BROWN:						
UNDER 15	49,283	$36,285	42,080	$31,193	125,604	$78,099
15 - 20	105,234	74,440	323,132	225,633	710,274	415,828
21 - 25	244,443	144,865	741,236	412,390	1,562,221	785,735
26 - 30	410,938	194,320	1,666,609	793,990	3,123,072	1,416,205
31 - 40	3,826,610	1,425,505	4,802,075	1,909,750	2,619,477	1,057,222
41 - 50	2,485,865	756,596	1,461,728	473,575	791,882	261,622
51 - 67	343,650	94,201	217,858	67,828	108,009	34,906
68 AND OVER	89,649	22,402	60,640	15,137	69,693	17,527
TOTAL	7,555,672	2,748,614	9,315,358	3,929,496	9,110,232	4,067,144
PINK:						
UNDER 15	195	143	-	-	-	-
15 - 20	3,030	2,156	-	-	-	-
21 - 25	2,530	1,573	-	-	-	-
26 - 30	14,387	6,945	-	-	-	-
31 - 40	20,773	8,198	-	-	-	-
41 - 50	2,659	904	-	-	-	-
51 - 67	103	34	-	-	-	-
TOTAL	43,677	19,953	-	-	-	-
WHITE:						
UNDER 15	2,648	1,870	1,620	1,131	915	521
15 - 20	31,163	21,890	14,626	9,568	24,192	14,105
21 - 25	-	-	4,020	2,142	129,597	65,003
26 - 30	-	-	18,795	8,948	375,137	170,831
31 - 40	4,575	1,624	283,066	111,913	746,948	283,217
41 - 50	9,581	2,876	262,670	82,473	124,093	37,659
51 - 67	3,164	735	201,845	42,266	88,980	20,071
68 AND OVER	-	-	9,416	1,982	4,466	839
TOTAL	51,131	28,995	796,058	260,423	1,494,328	592,246
TOTAL, 1959	7,650,480	2,797,562	10,111,416	4,189,919	10,604,560	4,659,390
TOTAL, 1958	6,079,847	3,405,248	6,133,672	3,942,048	8,425,021	5,255,375

SPECIES AND SIZE	OCTOBER		NOVEMBER		DECEMBER		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BROWN:								
UNDER 15	138,765	$84,451	137,032	$85,690	183,760	$122,220	1,226,671	$881,300
15 - 20	968,759	536,345	560,790	320,990	511,332	311,142	4,686,755	3,016,866
21 - 25	2,821,263	1,388,697	1,016,379	509,717	540,860	292,931	7,988,805	4,288,597
26 - 30	2,258,265	997,048	349,925	159,173	355,315	174,545	8,815,850	4,158,326
31 - 40	947,068	375,293	465,673	188,831	394,166	171,111	14,143,413	5,715,207
41 - 50	165,896	54,208	64,461	24,088	42,198	14,865	5,402,648	1,761,957
51 - 67	5,496	1,484	2,366	696	1,353	518	830,559	261,182
68 AND OVER	37,488	9,424	26,169	6,604	20,161	5,097	343,824	84,858
TOTAL	7,343,000	3,446,950	2,622,795	1,295,789	2,049,145	1,092,429	43,438,525	20,168,293
PINK:								
UNDER 15	-	-	2,895	1,823	6,440	4,296	49,203	38,751
15 - 20	-	-	4,205	2,468	21,518	13,248	160,838	120,528
21 - 25	-	-	18,910	9,800	96,447	51,982	290,778	184,626
26 - 30	-	-	2,601	1,249	27,518	13,544	121,307	70,245
31 - 40	-	-	7,628	3,094	55,895	23,593	190,793	92,763
41 - 50	-	-	1,824	695	23,596	8,252	83,069	35,317
51 - 67	-	-	-	-	645	227	35,708	14,402
68 AND OVER	-	-	673	171	5,599	1,390	6,272	1,561
TOTAL	-	-	38,736	19,300	237,658	116,532	937,968	558,193
WHITE:								
UNDER 15	1,995	1,125	3,775	2,334	9,085	6,084	52,982	38,526
15 - 20	138,358	75,988	68,214	38,535	66,647	41,133	570,219	365,409
21 - 25	526,127	264,006	380,393	194,988	74,789	41,383	1,197,663	623,093
26 - 30	452,175	201,408	112,491	52,202	18,491	9,372	1,017,310	468,366
31 - 40	394,988	148,679	96,534	37,183	28,257	11,027	1,634,793	637,703
41 - 50	85,695	25,490	63,755	19,966	5,491	1,921	591,715	189,594
51 - 67	82,645	19,708	267,274	22,797	12,007	3,684	675,246	117,708
68 AND OVER	2,235	322	13,176	2,598	8,833	1,552	39,379	7,637
TOTAL	1,684,218	736,726	1,005,612	370,603	223,600	116,156	5,779,307	2,448,036
SEA BOBS	96,735	10,031	75,584	7,367	518	87	178,270	18,119
TOTAL, 1959	9,123,953	4,193,707	3,742,727	1,693,059	2,510,921	1,325,204	50,334,070	23,192,641
TOTAL, 1958	6,961,600	4,630,834	3,802,881	2,659,194	2,097,341	1,534,881	44,577,311	29,646,407

NOTE:--ALL WEIGHTS ARE ON HEADS-OFF BASIS. THE SIZE INDICATES THE NUMBER OF HEADS-OFF SHRIMP TO THE POUND. TO CONVERT TO HEADS-ON MULTIPLY BY 1.68 FOR BROWN, PINK, WHITE, AND SEA BOBS. THE AREAS LISTED REPRESENT THE STATES WHERE THE SHRIMP WERE LANDED REGARDLESS OF WHERE CAUGHT. THE NAMES OF THE SPECIES USED IN THESE TABLES ARE AS FOLLOWS: WHITE SHRIMP (MOSTLY PENAEUS SETIFERUS), BROWN SHRIMP (PENAEUS AZTECUS, AND IN SOME CASES PENAEUS BRASILIENSIS), PINK SHRIMP (PENAEUS DUORARUM), SEA BOBS (MOSTLY XIPHOPENAEUS KROYERI). THE VALUE REPORTED IS THE AMOUNT RECEIVED BY THE OWNERS OR OPERATORS OF THE VESSEL FOR THE FIRST SALE AT THE DOCK. ANY EXPENSES INVOLVED IN HANDLING OR PROCESSING ASHORE ARE NOT INCLUDED, EVEN THOUGH CHARGEABLE TO THE VESSEL. THE SIZE REPORTED GENERALLY IS THAT USED AS OF THE FIRST SALE. SIZE GRADING IN VARYING DEGREES OF UNIFORMITY MAY OR MAY NOT OCCUR AT, OR PRIOR TO, THE TIME FIRST SALES ARE MADE. IF GRADING IS NOT DONE AT THIS TIME, THE SIZE REPORTED IS AN AVERAGE SIZE AND MAY INCLUDE SEVERAL SIZE CLASSIFICATIONS.

GULF COAST SHRIMP CATCH, BY AREA OF CAPTURE, 1959

MAJOR WATER AREAS, DEPTH, AND SPECIES	TRIPS	DAYS FISHED	SIZE (NUMBER OF HEADS-OFF SHRIMP TO THE POUND)								
			UNDER 15	15 - 20	21 - 25	26 - 30	31 - 40	41 - 50	51 - 67	68 & OVER	TOTAL
	NUMBER	NUMBER	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
SANIBEL-TORTUGAS AREA:											
0 - 5 FATHOMS:											
PINK, TOTAL	37.9	38.1	-	-	455	3,314	8,801	2,555	696	1,570	17,391
6 - 20 FATHOMS:											
PINK			405	76,987	573,558	960,971	1,936,593	1,480,752	957,795	1,440,237	7,427,298
WHITE			-	-	-	-	390	622	210	-	1,222
TOTAL	9,127.1	14,692.2	405	76,987	573,558	960,971	1,936,983	1,481,374	958,005	1,440,237	7,428,520
21 - 40 FATHOMS:											
PINK, TOTAL	934.5	2,366.6	145	55,548	334,732	189,863	154,176	46,510	30,625	26,320	837,919
TOTAL, SANIBEL-TORTUGAS AREA	10,099.5	17,096.9	550	132,535	908,745	1,154,148	2,099,960	1,530,439	989,326	1,468,127	8,283,830
APALACHICOLA AREA:											
0 - 5 FATHOMS:											
BROWN			15	1,165	2,581	10,155	33,665	45,194	103,404	147,172	343,354
WHITE			-	1,007	2,213	17,541	36,148	26,599	40,633	131,817	255,958
SEA BOBS			-	-	-	-	-	-	-	136,822	136,822
TOTAL	3,752.5	2,114.3	15	2,172	4,794	27,699	69,813	71,793	144,037	415,811	736,134
6 - 15 FATHOMS:											
BROWN			149	4,097	15,025	36,700	73,040	82,005	121,300	62,020	394,936
PINK			-	-	113	982	1,705	1,255	1,601	1,090	6,646
WHITE			-	4,798	20,397	32,744	20,722	4,944	2,601	4,779	91,085
TOTAL	1,019.0	1,067.3	149	8,895	35,535	70,426	95,467	88,204	126,102	67,889	492,667
TOTAL, APALACHICOLA AREA	4,771.5	3,181.6	164	11,067	40,329	98,125	165,280	159,997	270,139	483,700	1,228,801
PENSACOLA TO MISSISSIPPI RIVER:											
0 - 5 FATHOMS:											
BROWN			-	2,249	3,946	18,619	153,614	554,431	1,255,385	2,241,438	4,229,682
PINK			120	753	3,056	4,897	8,752	8,239	5,426	3,575	34,818
WHITE			1,235	87,273	413,759	839,785	827,808	531,134	647,949	251,955	3,600,898
SEA BOBS			-	-	-	-	-	-	-	9,225	9,225
TOTAL	29,116.8	16,008.6	1,355	90,275	420,761	863,301	990,174	1,093,804	1,908,760	2,506,193	7,874,623
6 - 20 FATHOMS:											
BROWN			2,236	164,181	522,323	557,422	1,555,346	1,292,386	1,354,522	915,773	6,364,189
PINK			-	5,473	10,915	19,909	54,918	30,363	2,040	1,117	124,735
WHITE			-	58,629	157,255	156,308	187,386	65,312	48,556	80,143	753,589
SEA BOBS			-	-	-	-	-	-	-	476	476
TOTAL	5,123.9	8,025.1	2,236	228,283	690,493	733,639	1,797,650	1,388,061	1,405,118	997,509	7,242,989
21 - 45 FATHOMS:											
BROWN			-	49,156	140,518	127,563	313,667	114,352	30,796	1,010	777,062
PINK			-	700	250	4,331	2,466	-	-	-	7,747
WHITE			-	10,117	56,136	27,059	18,776	1,378	3,851	90	117,407
TOTAL	481.0	1,168.3	-	59,973	196,904	158,953	334,909	115,730	34,647	1,100	902,216
TOTAL, PENSACOLA TO MISSISSIPPI RIVER	34,721.7	25,202.0	3,591	378,531	1,308,158	1,755,893	3,122,733	2,597,595	3,348,525	3,504,802	16,019,828
MISSISSIPPI RIVER TO TEXAS:											
0 - 5 FATHOMS:											
BROWN			655	7,651	3,746	7,666	18,817	37,656	850,686	6,116,734	7,043,611
PINK			-	-	473	-	-	-	-	-	473
WHITE			1,817	571,112	1,063,887	1,436,074	3,078,016	850,051	1,020,303	868,760	8,890,020
SEA BOBS			-	-	-	-	-	-	-	1,846,304	1,846,304
TOTAL	65,590.4	33,278.7	2,472	578,763	1,068,106	1,443,740	3,096,833	887,707	1,870,989	8,831,798	17,780,408

SEE NOTE ON PAGE 245.

(CONTINUED ON NEXT PAGE)

GULF COAST SHRIMP CATCH, BY AREA OF CAPTURE, 1959 - Continued

MAJOR WATER AREAS, DEPTH, AND SPECIES	TRIPS	DAYS FISHED	SIZE (NUMBER OF HEADS-OFF SHRIMP TO THE POUND)								
			UNDER 15	15 - 20	21 - 25	26 - 30	31 - 40	41 - 50	51 - 67	68 & OVER	TOTAL
	NUMBER	NUMBER	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
MISSISSIPPI RIVER TO TEXAS-CONTINUED:											
6 - 20 FATHOMS:											
BROWN			47,752	725,537	964,301	1,070,779	3,227,408	1,219,719	198,363	39,934	7,493,793
PINK			-	245	-	1,875	3,479	-	-	-	5,599
WHITE			30,819	1,525,915	1,357,251	748,047	709,471	301,455	178,760	73,697	4,925,415
SEA BOBS			-	-	-	-	-	-	-	356,495	356,495
TOTAL	10,760.5	15,739.0	78,571	2,251,697	2,321,552	1,820,701	3,940,358	1,521,174	377,123	470,126	12,781,302
21 - 25 FATHOMS:											
BROWN			152,033	716,400	264,276	184,623	221,619	80,453	37,697	31,890	1,688,991
WHITE			1,243	55,572	139,226	103,852	112,200	37,344	46,686	14,517	510,640
SEA BOBS			-	-	-	-	-	-	-	4,417	4,417
TOTAL	2,316.7	4,757.0	153,276	771,972	403,502	288,475	333,819	117,797	84,383	50,824	2,204,048
TOTAL, MISSISSIPPI RIVER TO TEXAS	78,667.6	53,774.7	234,319	3,602,432	3,793,160	3,552,916	7,371,010	2,526,678	2,332,495	9,352,748	32,765,758
TEXAS COAST:											
0 - 5 FATHOMS:											
BROWN			350	2,839	8,283	8,341	13,188	18,998	619	103,611	156,229
WHITE			1,390	117,357	481,695	639,952	1,128,201	421,523	431,622	15,431	3,237,171
TOTAL	13,113.7	5,436.7	1,740	120,196	489,978	648,293	1,141,389	440,521	432,241	119,042	3,393,400
6 - 20 FATHOMS:											
BROWN			190,281	1,659,616	4,406,140	6,830,003	8,197,749	2,922,417	381,205	85,431	24,672,842
PINK			190	3,305	3,943	1,385	616	-	-	-	9,439
WHITE			16,723	367,219	576,205	253,890	260,069	75,026	127,339	504	1,676,975
TOTAL	17,316.0	27,684.9	207,194	2,030,140	4,986,288	7,085,278	8,458,434	2,997,443	508,544	85,935	26,359,256
20 - 45 FATHOMS:											
BROWN			51,407	786,031	1,522,723	719,744	1,078,255	408,778	90,038	16,745	4,673,721
WHITE			95	914	741	-	59	-	-	-	1,809
TOTAL	3,033.2	6,044.8	51,502	786,945	1,523,464	719,744	1,078,314	408,778	90,038	16,745	4,675,530
TOTAL, TEXAS COAST	33,462.9	39,216.4	260,436	2,937,281	6,999,730	8,453,315	10,678,137	3,846,742	1,030,823	221,722	34,428,186
HIGH SEAS OFF MEXICAN COAST - WEST OF 94° LONGITUDE:											
6 - 20 FATHOMS:											
BROWN			114,576	317,532	290,484	212,577	778,780	517,388	140,854	24,862	2,397,053
PINK			5	310	260	330	735	725	103	-	2,468
WHITE			23,680	57,578	29,674	7,870	12,605	4,077	1,048	899	137,431
TOTAL	2,133.2	3,639.2	138,261	375,420	320,418	220,777	792,120	522,190	142,005	25,751	2,536,952
21 - 40 FATHOMS:											
BROWN			784,715	1,752,146	1,491,472	813,359	2,534,820	991,082	144,460	109,199	8,621,253
PINK			95	1,475	425	2,593	1,925	90	400	75	7,078
WHITE			1,030	3,405	1,040	310	395	25	55	-	6,260
TOTAL	3,841.4	13,972.1	785,840	1,757,026	1,492,937	816,262	2,537,140	991,197	144,915	109,274	8,634,591
TOTAL, HIGH SEAS OFF MEXICAN COAST-WEST OF 94° LONGITUDE	5,974.6	17,611.3	924,101	2,132,446	1,813,355	1,037,039	3,329,260	1,513,387	286,920	135,035	11,171,543
HIGH SEAS OFF OBREGON - CAMPECHE:											
0 - 5 FATHOMS:											
PINK			-	11,891	31,814	43,216	60,531	17,221	2,033	-	166,706
WHITE			-	1,165	548	30	30	-	-	-	1,773
TOTAL	23.1	368.8	-	13,056	32,362	43,246	60,561	17,221	2,033	-	168,479
6 - 20 FATHOMS:											
BROWN			45,020	78,401	110,746	84,944	165,778	85,584	40,275	1,790	612,538
PINK			23,975	500,166	2,243,139	2,092,801	2,299,976	992,213	135,485	12,744	8,300,499
WHITE			5,738	40,773	26,262	5,397	3,734	270	20	40	82,234
TOTAL	1,380.6	16,333.0	74,733	619,340	2,380,147	2,183,142	2,469,488	1,078,067	175,780	14,574	8,995,271

SEE NOTE ON PAGE 245.

(CONTINUED ON NEXT PAGE)

GULF COAST SHRIMP CATCH, BY AREA OF CAPTURE, 1959 - Continued

MAJOR WATER AREAS, DEPTH, AND SPECIES	TRIPS	DAYS FISHED	SIZE (NUMBER OF HEADS-OFF SHRIMP TO THE POUND)								
			UNDER 15	15 - 20	21 - 25	26 - 30	31 - 40	41 - 50	51 - 67	68 & OVER	TOTAL
	NUMBER	NUMBER	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
HIGH SEAS OFF OBREGON AND CAMPECHE-CONTINUED:											
21 - 45 FATHOMS:											
BROWN			30,995	65,904	96,192	50,008	54,031	13,284	5,986	-	316,400
PINK			25,073	220,342	748,615	172,839	86,505	33,581	7,386	1,807	1,296,148
WHITE			3,335	17,290	11,953	2,697	365	72	210	71	35,993
TOTAL	300.1	3,007.3	59,403	303,536	856,760	225,544	140,901	46,937	13,582	1,878	1,648,541
TOTAL, HIGH SEAS OFF OBREGON AND CAMPECHE	1,703.8	19,709.1	134,136	935,932	3,269,269	2,451,932	2,670,950	1,142,225	191,395	16,452	10,812,291
CARIBBEAN SEA-SOUTH OF NORTH 21° LATITUDE:											
0 - 5 FATHOMS:											
WHITE, TOTAL	25.9	326.4	-	-	-	3,560	14,564	2,905	-	-	21,029
6 - 20 FATHOMS:											
BROWN			-	-	605	1,540	210	435	-	-	2,790
PINK			-	25	6,194	74,931	22,938	-	-	-	104,088
WHITE			-	-	35,171	35,410	10,194	7,030	-	-	87,805
TOTAL	31.8	241.5	-	25	41,970	111,881	33,342	7,465	-	-	194,683
21 - 40 FATHOMS:											
BROWN			-	-	3,883	12,670	705	-	-	-	17,258
PINK			-	100	4,193	25,620	13,036	1,100	-	-	44,049
WHITE			-	2,215	102,070	54,218	-	-	-	-	159,103
TOTAL	10.7	73.4	-	2,315	110,146	92,508	13,741	1,100	-	-	220,410
TOTAL, CARIBBEAN SEA-SOUTH OF NORTH 21° LATITUDE	68.4	641.3	-	2,940	152,116	207,949	61,647	11,470	-	-	436,122
ATLANTIC OCEAN:											
6 - 10 FATHOMS:											
PINK			-	-	-	343	-	-	-	-	343
WHITE			-	-	214	708	-	480	176	-	1,578
TOTAL, ATLANTIC OCEAN	9.0	2.6	-	-	214	1,051	-	480	176	-	1,921
GRAND TOTAL	169,479.0	176,435.9	1,557,297	10,133,164	18,285,076	18,712,368	29,493,377	13,329,013	8,449,799	15,182,586	115,14[illegible],280

NOTE:--THESE DATA REPRESENT THE CATCHES OF VESSELS COMPLETING TRIPS DURING THE YEAR, REGARDLESS OF WHEN LANDINGS OCCURRED. CONSEQUENTLY, THE DATA ARE NOT DIRECTLY COMPARABLE WITH THOSE PRESENTED IN THE TABLE WHICH REPRESENTS LANDINGS. A SINGLE TRIP IS SHOWN FOR EACH VOYAGE. ACTUAL FISHING TIME IN HOURS MAY BE DETERMINED BY MULTIPLYING THE NUMBER OF DAYS BY 24. ADDITIONAL TABULATIONS CONCERNING THE GULF OF MEXICO CATCH OF SHRIMP IN MORE DETAIL BY AREA, DEPTH, SIZE, AND FISHING EFFORT MAY BE OBTAINED UPON REQUEST FROM THE BUREAU OF COMMERCIAL FISHERIES, U.S. FISH AND WILDLIFE SERVICE, WASHINGTON 25, D.C.

SECTION 7

PACIFIC COAST STATES FISHERIES

The commercial fisheries of the Pacific Coast States (Alaska, Washington, Oregon, and California) in 1959 yielded a catch of 1.1 billion pounds, valued at 104 million dollars. This was a decrease of 223 million pounds and 19 million dollars compared with the previous year. Sharply reduced catches of salmon, sardines, and tuna were responsible for the decline in both volume and value. Items taken in considerably greater volume than in 1958 included halibut, jack and Pacific mackerel, sea herring, king crabs, and shrimp. California (525 million pounds) accounted for 50 percent of the Pacific Coast catch, followed by Alaska (323 million pounds), 30 percent; Washington (155 million pounds) 15 percent; and Oregon (52 million pounds), 5 percent.

The catch was taken by 30,461 fishermen who operated 4,621 vessels of 5 net tons and over and 10,511 smaller craft. Four types of gears accounted for nearly 90 percent of the Pacific States catch: purse seines, 42 percent; hook and lines, 27 percent; otter trawls, 12 percent; and gill nets, 8 percent. Crab pots, brails and scoops, harpoons, and oyster dredges accounted for most of the remainder.

Nearly one-fourth of the Pacific Coast States catch was taken on the high seas off the coasts of foreign countries. Tuna taken off Central and South America; and bottomfish, halibut, and salmon taken off British Columbia accounted for most of this catch. Since the species taken off foreign coasts consisted largely of higher-priced items, about 28 percent of the value of the Pacific Coast States catch was taken off foreign coasts.

Largely as a result of the decline in the salmon and sardine catches, the Pacific Coast States have failed to hold their relative position in the United States fisheries. During the peak years of both the salmon and sardine fisheries, from 1935 to 1939, the four Pacific Coast States accounted for an average of 56 percent of the total domestic catch; in 1959, only 21 percent of the catch was landed in these States.

Salmon and tuna continued to dominate the fisheries of the Pacific Coast States. These fish accounted for 45 percent of the volume of the 1959 catch and 68 percent of the ex-vessel value to the fishermen. The 1959 catch of salmon totaled only 202 million pounds, the smallest since the turn of the century. Landings in Alaska were down 39 percent compared with the previous year's poor production. Catches were also down in both Washington and Oregon. Only California showed an increase.

In Alaska the operation of salmon fish traps (pound nets) was prohibited. This practically eliminated the taking of salmon by a type of gear that had taken a major portion of the catch for over three-quarters of a century. Traps had previously been prohibited in the other Pacific Coast States, except for a few fished by Indians on their reservations. In Alaska, also, special rights granted Indian tribal communities allowed a few traps to operate. The number of salmon pound nets, including floating traps, fished in Alaska dropped from 243 in 1958 to 14 in 1959, and the catch declined from 62 million to 2 million pounds. This sharp decline was not, however, an important factor in the reduction in the total catch: Had fish been present in normal numbers, other gears were available to take them.

In 1959 Japanese gill net fishing for salmon on the high seas west of the provisional abstention line at 175° west longitude did not appear to affect the Bristol Bay salmon to the extent it had in several previous years. Fewer fish showed net marks indicating that they had passed through Japanese gill nets.

On Puget Sound the odd-year pink run was the smallest for many years, but was larger than had been predicted. The catch of 13.6 million pounds was 3.7 million pounds less than the 1957 production. The brightest spot in an otherwise gloomy salmon picture was the Puget Sound sockeye catch of 9.6 million pounds, only 30 percent as large as in the previous year but best of its cycle for many years.

The Pacific Coast States salmon pack of 2,465,213 cases was the smallest since 1898 and was only 28 percent as large as the record pack canned in 1936. Despite a decline in the pack of mild-cured salmon on Puget Sound, where receipts of troll-caught chinook salmon were the lowest in many years, production in the Pacific Coast States amounted to over 6 million pounds, only slightly less than in 1958. A large increase in mild-curing operations in California and a gain in the Alaska pack were responsible for holding the pack at approximately the previous year's level.

The tuna catch landed at ports in Washington, Oregon, and California during 1959 totaled 268 million pounds--a decline of 48 million pounds compared with the previous year, and 122 million pounds less than the record 390 million pounds landed in these States in 1950. The sharp decline was due primarily to a tie-up of tuna clippers (from May 1 to October 23) and the purse-seine fleet (May 1 to July 6) in ex-vessel price disagreements. In addition to disputes between vessel owners and packers concerning tuna prices, there were disagreements between vessel owners and crew members concerning crew shares. The resulting tie-ups were the longest in the history of the fishery and were estimated to have resulted in a loss in a catch of about 20 thousand tons.

Conversion of tuna clippers to purse-seiners was a major development in 1959. The rapid trend toward conversion was due to the success of converted clippers in taking capacity loads in 35 days or less, compared with an average of about 80 days per trip for the same vessels as clippers. At the end of the year, 15 converted clippers were in operation, with 20 in various stages of conversion. It was evident that the conversion of clippers to purse seiners, made possible by the development of the power block and large, strong, synthetic fiber seines, marked an important milestone in the domestic tuna fishery.

There was a sharp increase in imports of frozen tuna, and cooked tuna loins and discs for canning in the United States--284 million pounds (round weight basis) compared with 234 million pounds in 1958--and an increase in imports of canned tuna. The 1959 domestic pack of canned tuna amounted to 14.3 million standard cases, establishing a new record. Late in the year, a government-to-government meeting was held in Tokyo between representatives of the United States and Japan to discuss problems of the tuna industries in the two countries.

Herring, with a catch of 114.7 million pounds, was the third most important item landed in the Pacific Coast States in 1959. The catch, used largely in the manufacture of meal and oil, was about 15 million pounds more than in 1958. The increase resulted from a gain of 22 million pounds in the catch taken in Southeastern Alaska.

Sardines were scarce in 1959 and California fishermen landed only 74 million pounds of the fish compared with 207 million pounds in 1958. Opening of the season in southern California was delayed until October 3 by an ex-vessel price dispute which was settled at 35 dollars per ton. Stocks of canned sardines were high at the beginning of 1959 and sales were sluggish during most of the year. However, as a result of the small pack of only 755 thousand cases compared with 2,223 thousand cases in 1958, supplies declined; and by the end of the year, the market was in considerably better shape than had been anticipated.

Landings of both Pacific and jack mackerel were up sharply in 1959, with the catch of each species totaling about 37.5 million pounds. However, the landings were considerably below the average for these species. The ex-vessel price for both mackerels was at 50 dollars per ton during 1959. The pack of canned mackerel, amounting to 587 thousand standard cases, was 45 percent greater than in 1958 but was far below the 1954-1958 average of 756 thousand cases.

The 1959 catch of crabs in the Pacific Coast States totaled 55.9 million pounds -- slightly below the record 56 million pounds landed in 1957. The catch of king crabs in Alaska was a record 18.8 million pounds; however, production of Dungeness crabs (36.9 million pounds) was 5 million pounds less than in 1958. The pack of canned crabmeat in the Pacific Coast States totaled 109,891 standard cases, nearly 3 thousand cases less than in 1958. The pack of king crabmeat, however, was a record 55 thousand cases and, for the first time, the pack of this species exceeded that of Dungeness crabs.

Shrimp landings were up sharply in Alaska in 1959, resulting in a record Pacific Coast catch of these shellfish. Total landings in the four States amounted to 20.7 million pounds, nearly 3 million pounds more than in 1958. Alaska accounted for over 60 percent of the catch. Landings were up in all States except Washington. The 1959 pack of canned shrimp in the Pacific Coast States totaled a record 169 thousand cases.

The Pacific Coast catch of halibut in 1959 totaled a record 71.4 million pounds (landed weight). Of this catch, United States fishermen took 40.4 million pounds with Canadian fishermen accounting for the remainder. The record was made possible by the heavy production in area 3B, which exceeded the previous high year by nearly 6 million pounds.

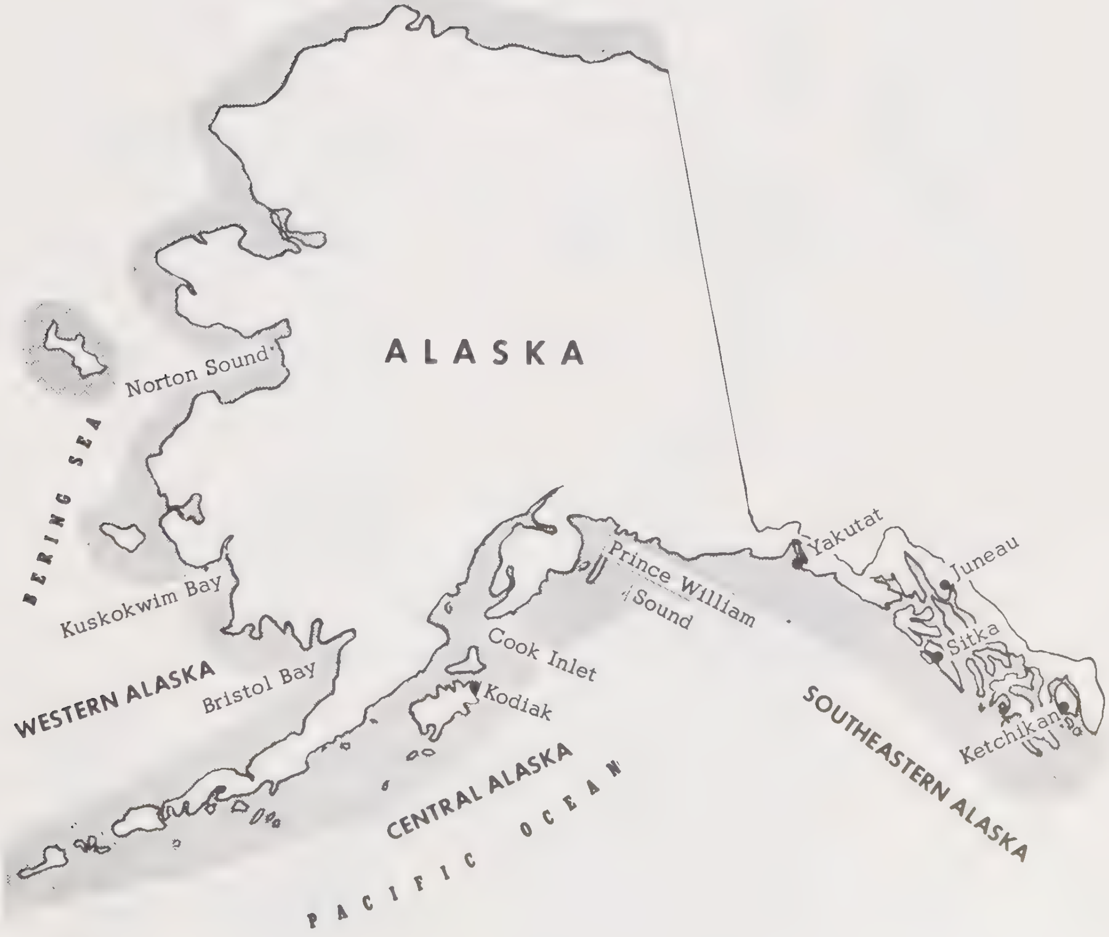
A total of 309 whales was taken in 1959 by five catcher vessels operated by the two whaling stations located in San Francisco Bay--48 more than in 1958. Whale products amounting to 11.4 million pounds were manufactured from the catch. The whale meat was utilized entirely for animal food, mostly for mink, with smaller quantities used for pet food. The blubber was reduced to oil and the bones ground for meal. The California plants were the only whaling stations operated in the United States.

Manufactured fishery items produced in the Pacific Coast States in 1959 were valued at 296 million dollars, far below the record 343 million dollars received by producers in 1958. The decline resulted from sharply reduced values of the packs of canned salmon, sardines, and tuna. Canned tuna, packed from domestically-caught and imported fish, valued at 133 million dollars to the canner was the principal item. Second was canned salmon, 72 million dollars, followed by canned sardines, 5 million dollars. These items accounted for over 70 percent of the value of manufactured products in the four States.

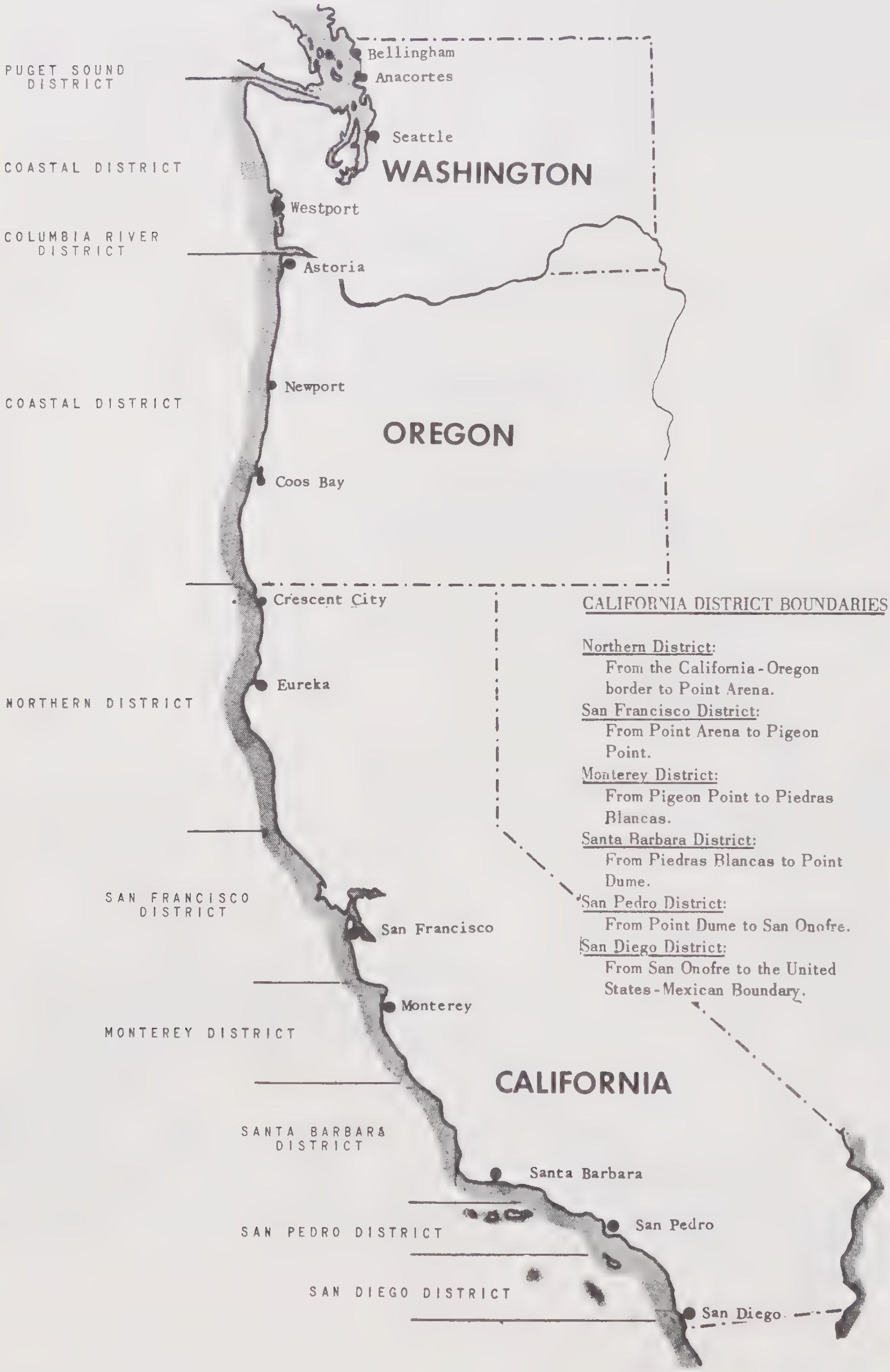
The Bureau appreciates the assistance of the following organizations in the collection of the data appearing in this section: The Washington Department of Fisheries, the Oregon Fish Commission, and the California Department of Fish and Game.

Condensed summary data on the operating units and catch by States for the Pacific Coast States fisheries appearing on the following pages have been previously published in Current Fishery Statistics No. 2441. Additional data on many aspects of the Pacific Coast fisheries may be found in daily, monthly, and annual reports published by the Bureau's Fishery Market News Service in San Pedro, California, and Seattle, Washington. Specific data on several of the major fisheries of the Pacific Coast States may be found in Section 12 of this publication.

PACIFIC COAST STATES


ALASKA
Norton Sound
BERING SEA
Kuskokwim Bay
WESTERN ALASKA
Bristol Bay
Cook Inlet
Kodiak
CENTRAL ALASKA
PACIFIC OCEAN
Prince William Sound
Yakutat
Juneau
Sitka
Ketchikan
SOUTHEASTERN ALASKA

PACIFIC COAST STATES - Continued


PUGET SOUND DISTRICT
COASTAL DISTRICT
COLUMBIA RIVER DISTRICT
COASTAL DISTRICT
NORTHERN DISTRICT
SAN FRANCISCO DISTRICT
MONTEREY DISTRICT
SANTA BARBARA DISTRICT
SAN PEDRO DISTRICT
SAN DIEGO DISTRICT
Bellingham
Anacortes
Seattle
WASHINGTON
Westport
Astoria
Newport
OREGON
Coos Bay
Crescent City
Eureka
San Francisco
Monterey
CALIFORNIA
Santa Barbara
San Pedro
San Diego

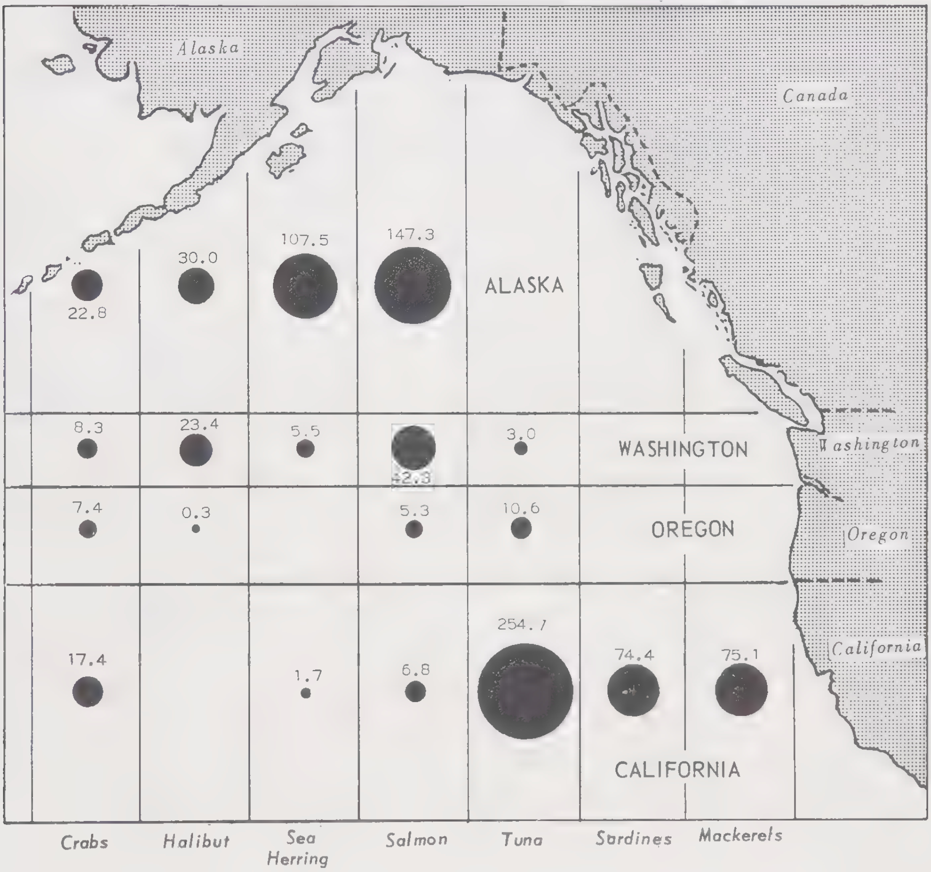
CALIFORNIA DISTRICT BOUNDARIES

Northern District:
From the California-Oregon border to Point Arena.
San Francisco District:
From Point Arena to Pigeon Point.
Monterey District:
From Pigeon Point to Piedras Blancas.
Santa Barbara District:
From Piedras Blancas to Point Dume.
San Pedro District:
From Point Dume to San Onofre.
San Diego District:
From San Onofre to the United States-Mexican Boundary.

PACIFIC COAST STATES FISHERIES

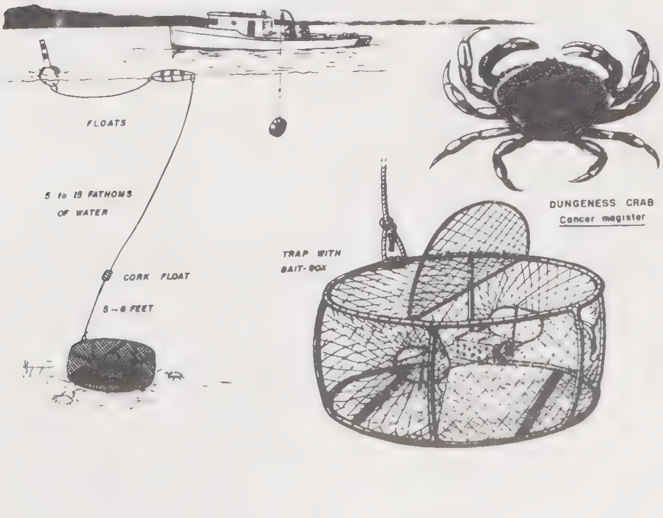
PACIFIC COAST STATES CATCH OF CERTAIN SPECIES, 1959

(Amounts shown in millions of pounds)



DUNGENESS CRAB TRAP

PACIFIC COAST


FLOATS
5 to 13 FATHOMS OF WATER
CORK FLOAT
5 – 6 FEET
TRAP WITH BAIT-BOX
DUNGENESS CRAB
Cancer magister

PACIFIC COAST STATES FISHERIES

SECTIONAL SUMMARIES

SUMMARY OF CATCH, 1959

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

STATE	FISH		SHELLFISH, ETC.		WHALE PRODUCTS		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
ALASKA	287,051	26,341	36,472	2,446	-	-	323,523	28,787
WASHINGTON	132,724	17,820	22,462	3,709	-	-	155,186	21,529
OREGON	40,877	5,020	10,841	1,376	-	-	51,718	6,396
CALIFORNIA	471,485	42,372	41,943	4,227	11,395	875	524,823	47,474
TOTAL	932,137	91,553	111,718	11,758	11,395	875	1,055,250	104,186

SUMMARY OF OPERATING UNITS, 1959

ITEM	ALASKA	WASHINGTON	OREGON	CALIFORNIA	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS	6,345	5,202	1,366	6,022	15,741
ON BOATS AND SHORE	5,121	5,872	1,650	2,186	14,750
TOTAL	11,466	11,074	3,016	8,208	30,491
VESSELS, MOTOR	1,999	1,506	593	1,420	4,621
NET TONNAGE	27,398	25,430	9,360	40,246	85,099
BOATS:					
MOTOR	4,053	2,194	1,117	1,332	8,659
OTHER	-	423	7	-	430
ACCESSORY BOATS	929	365	1	302	1,422
GEAR:					
HAUL SEINES	387	111	5	14	517
LENGTH, YARDS	78,440	8,300	500	1,250	88,490
PURSE SEINES AND LAMPARA NETS:					
HERRING	25	10	-	-	35
LENGTH, YARDS	10,060	4.200	-	-	14,260
MACKEREL	-	-	-	123	123
LENGTH, YARDS	-	-	-	60,450	60,450
SALMON	904	368	-	-	1,089
LENGTH, YARDS	366,070	197,000	-	-	465,170
SARDINE	-	-	-	123	123
LENGTH, YARDS	-	-	-	60,450	60,450
SQUID	-	-	-	50	50
LENGTH, YARDS	-	-	-	16,240	16,240
TUNA	-	-	-	97	97
LENGTH, YARDS	-	-	-	73,380	73,380
OTHER	-	-	-	18	18
LENGTH, YARDS	-	-	-	7,440	7,440
BEAM TRAWLS, SHRIMP	22	3	-	19	44
YARDS AT MOUTH	247	18	-	114	379
OTTER TRAWLS:					
CRAB, KING	26	-	-	-	26
YARDS AT MOUTH	540	-	-	-	540
FISH	1	127	52	59	230
YARDS AT MOUTH	25	2,765	1,150	1,700	5,403
SHRIMP	24	14	24	-	59
YARDS AT MOUTH	489	290	490	-	1,209
BRUSH WEIRS	-	1	-	-	1
POUND NETS	3	3	-	-	6
FLOATING TRAPS	11	-	-	-	11
POTS AND TRAPS:					
CRAB:					
DUNGENESS	5,911	21,300	27,900	36,290	87,301
KING	5,655	-	-	-	5,655
CRAWFISH	-	-	650	-	650
FISH	-	-	-	50	50
LOBSTER, SPINY	-	-	-	13,800	13,800
OCTOPUS	-	100	-	-	100
SHRIMP	60	250	-	-	310
GILL NETS:					
DRIFT:					
BARRACUDA	-	-	-	26	26
SQUARE YARDS	-	-	-	93,600	93,600
SALMON	2,930	1,446	694	-	5,014
SQUARE YARDS	4,174,096	6,406,400	2,046,500	-	12,367,996
SEA BASS	-	-	-	61	61
SQUARE YARDS	-	-	-	219,600	219,600
SMELT	-	8	75	-	83
SQUARE YARDS	-	7,000	67,500	-	74,500
OTHER	-	-	-	9	9
SQUARE YARDS	-	-	-	79,500	79,500

(CONTINUED ON NEXT PAGE)

SUMMARY OF OPERATING UNITS, 1959 - Continued

ITEM	ALASKA	WASHINGTON	OREGON	CALIFORNIA	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
GEAR - CONTINUED:					
GILL NETS - CONTINUED:					
SET:					
SALMON.	1,521	296	169	-	1,986
SQUARE YARDS.	1,343,260	68,400	67,000	-	1,478,660
SHARK	-	20	-	-	20
SQUARE YARDS.	-	22,500	-	-	22,500
TRAMMEL NETS.	-	-	-	6	6
SQUARE YARDS.	-	-	-	27,000	27,000
LINES:					
HAND:					
ROCKFISHES.	-	-	-	351	351
HOOKS	-	-	-	702	702
TUNA:					
ALBACORE.	-	-	-	576	576
HOOKS	-	-	-	576	576
YELLOWFIN AND SKIPJACK.	-	-	8	1,582	1,582
HOOKS	-	-	8	1,582	1,582
OTHER	-	52	-	-	52
HOOKS	-	104	-	-	104
TROLL:					
ALBACORE.	-	2,355	4,415	8,930	13,655
HOOKS	-	2,355	4,415	8,930	13,655
SALMON.	6,134	5,900	2,660	7,590	21,122
HOOKS	32,326	23,600	10,320	45,540	107,016
OTHER	-	-	-	480	480
HOOKS	-	-	-	480	480
LONG OR SET WITH HOOKS. . .	8,525	5,070	107	429	10,872
HOOKS	699,055	476,800	10,130	53,118	932,703
DIP, BRAIL, OR SCOOP NETS . .	-	251	31	568	850
REEF NETS	-	104	-	-	104
WHEELS.	8	-	-	-	8
HARPOONS:					
SWORDFISH	-	-	-	51	51
WHALE	-	-	-	5	5
DREDGES:					
CLAM.	-	2	-	-	2
YARDS AT MOUTH.	-	2	-	-	2
OYSTER:					
COMMON.	-	92	6	3	101
YARDS AT MOUTH.	-	184	12	6	202
SUCTION	-	2	-	-	2
TONGS, OYSTER	-	-	-	25	25
SHOVELS	303	2,244	347	10	2,904
DIVING OUTFITS, ABALONE . . .	-	-	-	71	71

CATCH BY STATES, 1959

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	ALASKA		WASHINGTON		OREGON 1/	
FISH	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
CARP.	-	-	282	6	-	-
COD	8	(2)	12,961	648	359	16
DOLLY VARDEN TROUT.	6	2	-	-	-	-
FLOUNDERS:						
"SOLE".	-	-	12,783	933	13,347	700
UNCLASSIFIED.	1	(2)	887	44	728	25
HAKE.	-	-	360	3	11	(2)
HALIBUT	29,974	3,899	23,408	3,818	323	46
HERRING, SEA.	107,444	1,294	5,537	113	4	(2)
LINGCOD	4	(2)	5,418	265	421	19
OCEAN PERCH	-	-	5,840	292	1,890	85
PERCH	-	-	131	16	(2)	(2)
RATFISH	-	-	2,597	23	-	-
ROCKFISHES.	7	(2)	6,667	323	5,949	232
SABLEFISH	2,312	187	4,258	452	287	24

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

CATCH BY STATES, 1959 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	ALASKA		WASHINGTON		OREGON 1/	
FISH - CONTINUED	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
SALMON:						
CHINOOK OR KING	11,720	3,002	5,884	1,927	3,650	1,199
CHUM OR KETA	32,269	2,389	6,170	1,108	96	10
PINK	48,047	4,921	13,686	2,105	7	1
RED OR SOCKEYE	43,390	8,275	9,927	3,100	473	156
SILVER OR COHO	11,852	2,370	6,641	1,850	1,103	291
TOTAL SALMON	147,278	20,957	42,308	10,090	5,329	1,657
SEA BASS, WHITE	-	-	3	(2)	-	-
SHAD	-	-	56	5	330	31
SHARKS:						
GRAYFISH	-	-	3,092	28	64	1
SOUPFIN	-	-	2	(2)	-	-
UNCLASSIFIED	-	-	5	(2)	-	-
TOTAL SHARKS	-	-	3,099	28	64	1
SKATES	-	-	707	7	-	-
SMELT:						
EULACHON	8	(2)	1,293	56	463	62
SURF OR SILVER	-	-	536	39	(2)	(2)
STEELHEAD TROUT	9	2	317	66	506	105
STRIPED BASS	-	-	-	-	20	2
STURGEON	-	-	275	27	263	27
SUCKERS	-	-	40	1	-	-
TUNA:						
ALBACORE	-	-	2,961	565	10,582	1,983
BLUEFIN	-	-	-	-	(2)	(2)
SKIPJACK	-	-	-	-	1	(2)
TOTAL TUNA	-	-	2,961	565	10,583	1,983
TOTAL FISH	287,051	26,341	132,724	17,820	40,877	5,020
SHELLFISH, ETC.						
CRABS:						
DUNGENESS	3,999	326	8,257	1,134	7,429	996
KING	18,840	1,478	-	-	-	-
TOTAL CRABS	22,839	1,804	8,257	1,134	7,429	996
CRAWFISH, FRESH-WATER	-	-	-	-	24	7
SHRIMP	13,052	506	3,046	313	2,734	246
CLAMS:						
HARD	-	-	509	198	-	-
RAZOR	473	131	422	154	18	7
UNCLASSIFIED	-	-	-	-	16	5
TOTAL CLAMS	473	131	931	352	34	12
OCTOPUS	-	-	87	11	-	-
OYSTERS, MARKET:						
PACIFIC	-	-	10,057	1,799	620	115
WESTERN	-	-	42	97	-	-
TOTAL OYSTERS	-	-	10,099	1,896	620	115
SQUID	-	-	42	3	-	-
KELP WITH HERRING EGGS	108	5	-	-	-	-
TOTAL SHELLFISH, ETC.	36,472	2,446	22,462	3,709	10,841	1,376
GRAND TOTAL	323,523	28,787	155,186	21,529	51,718	6,396

SPECIES	CALIFORNIA 1/		TOTAL	
FISH	QUANTITY	VALUE	QUANTITY	VALUE
ANCHOVIES	7,174	100	7,174	100
BARRACUDA	1,153	114	1,153	114
BONITO	3,012	117	3,012	117
CABEZONE	10	(2)	10	(2)
CABRILLA	5	1	5	1

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

CATCH BY STATES, 1959 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	CALIFORNIA 1/		TOTAL	
FISH - CONTINUED	QUANTITY	VALUE	QUANTITY	VALUE
CARP	467	22	749	28
COD	-	-	13,328	664
DOLLY VARDEN TROUT	-	-	6	2
FLOUNDERS:				
ARROWTOOTH HALIBUT	787	18	787	18
CALIFORNIA HALIBUT	3/354	80	354	80
SAND DABS	467	27	467	27
"SOLE"	16,138	1,080	42,268	2,713
UNCLASSIFIED	3/1,047	51	2,663	120
FLYING FISH	30	7	30	7
GROUPERS	286	56	286	56
HAKE	1,097	22	1,468	25
HALFMOON	4	1	4	1
HALIBUT	8	2	53,713	7,765
HARDHEAD	53	13	53	13
HERRING, SEA	1,727	34	114,712	1,441
KING CROAKER	1,534	48	1,534	48
LINGCOD	1,406	98	7,249	382
MACKEREL:				
JACK	37,507	897	37,507	897
PACIFIC	37,602	958	37,602	958
OCEAN PERCH	-	-	7,730	377
OPALEYE	5	1	5	1
PERCH	213	34	344	50
POMPANO	36	10	36	10
RATFISH	-	-	2,597	23
ROCK BASS	(2)	(2)	(2)	(2)
ROCKFISHES	15,282	710	27,905	1,265
SABLEFISH	1,938	99	8,795	767
SALMON:				
CHINOOK OR KING	6,160	2,805	27,414	8,933
CHUM OR KETA	-	-	38,535	3,507
PINK	-	-	61,740	7,027
RED OR SOCKEYE	-	-	53,790	11,531
SILVER OR COHO	609	232	20,205	4,743
TOTAL SALMON	6,769	3,037	201,684	35,741
SARDINE, PACIFIC	74,367	1,475	74,367	1,475
SCULPIN	37	11	37	11
SEA BASS:				
BLACK	250	35	250	35
WHITE	3,423	463	3,426	463
SHAD	-	-	386	36
SHARKS:				
GRAYFISH	-	-	3,156	29
SOUPFIN	-	-	2	(2)
UNCLASSIFIED	602	50	607	50
TOTAL SHARKS	602	50	3,765	79
SHEEPSHEAD	10	1	10	1
SIERRA	2	(2)	2	(2)
SKATES	241	2	948	9
SMELT:				
EULACHON	-	-	1,764	118
SURF OR SILVER	552	21	1,088	60
SPLITTAIL	1	(2)	1	(2)
STEELHEAD TROUT	-	-	832	173
STRIPED BASS	-	-	20	2
STURGEON	-	-	538	54
SUCKERS	-	-	40	1
SWORDFISH	448	170	448	170
TUNA:				
ALBACORE	32,741	6,083	46,284	8,631
BLUEFIN	15,194	1,876	15,194	1,876
SKIPJACK	98,481	10,424	98,482	10,424
YELLOWFIN	108,370	14,069	108,370	14,069
TOTAL TUNA	254,786	32,452	268,330	35,000

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

CATCH BY STATES, 1959 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	CALIFORNIA 1/		TOTAL	
FISH - CONTINUED	QUANTITY	VALUE	QUANTITY	VALUE
TURBOT	129	6	129	6
WAHOO	14	5	14	5
WHITEBAIT	274	24	274	24
YELLOWTAIL	231	19	231	19
UNCLASSIFIED, FOR FOOD	7	1	7	1
TOTAL FISH	471,485	42,372	932,137	91,553
SHELLFISH, ETC.				
CRABS:				
DUNGENESS	17,262	2,576	36,947	5,032
KING	-	-	18,840	1,478
ROCK	130	9	130	9
TOTAL CRABS	17,392	2,585	55,917	5,519
CRAWFISH, FRESH-WATER	-	-	24	7
LOBSTERS, SPINY	506	306	506	306
SHRIMP	1,820	184	20,652	1,249
ABALONE	913	497	913	497
CLAMS:				
HARD	3	4	512	202
RAZOR	-	-	913	292
UNCLASSIFIED	-	-	16	5
TOTAL CLAMS	3	4	1,441	499
OCTOPUS	3	(2)	90	11
OYSTERS, MARKET:				
EASTERN	1	3	1	3
PACIFIC	1,651	305	12,328	2,219
WESTERN	1	1	43	98
TOTAL OYSTERS	1,653	309	12,372	2,320
SQUID	19,653	342	19,695	345
KELP WITH HERRING EGGS	-	-	108	5
TOTAL SHELLFISH, ETC.	41,943	4,227	111,718	11,758
WHALE PRODUCTS:				
MEAL	3,763	263	3,763	263
MEAT	3,722	347	3,722	347
OIL:				
SPERM	171	12	171	12
WHALE	3,739	253	3,739	253
TOTAL WHALE PRODUCTS	11,395	875	11,395	875
GRAND TOTAL	524,823	47,474	1,055,250	104,186

1/ INCLUDES THE CATCH TAKEN OFF LATIN AMERICA. A PORTION OF THE TUNA CATCH TAKEN OFF LATIN AMERICA BY UNITED STATES FISHERMEN, WHICH IS INCLUDED IN THIS TABLE, MAY ALSO BE INCLUDED IN UNITED STATES IMPORT STATISTICS.

2/ LESS THAN 500 POUNDS OR 500 DOLLARS.

3/ SOME HALIBUT MAY BE INCLUDED WITH "CALIFORNIA HALIBUT" AND "UNCLASSIFIED FLOUNDERS."

NOTE:--DATA ON THE VOLUME OF FISH LANDED IN CALIFORNIA ARE SHOWN IN WEIGHTS AS LANDED WHILE THOSE FOR WASHINGTON AND OREGON ARE IN ROUND WEIGHT. ALASKA DATA INCLUDES THE CATCH OF HALIBUT, SABLEFISH, LINGCOD, AND ROCKFISHES LANDED BY U. S. VESSELS AT BRITISH COLUMBIA PORTS.

MANUFACTURED FISHERY PRODUCTS, 1959

ITEM		ALASKA		WASHINGTON	
		QUANTITY	VALUE	QUANTITY	VALUE
COD:					
FILLETS:					
FRESH	POUNDS	-	-	1,836,248	$363,874
FROZEN	DO	1,579	$426	1,876,944	465,568
SALTED (WHOLE AND BONED)	DO	-	-	44,586	16,139
FLOUNDER FILLETS:					
FRESH	DO	-	-	1,903,526	645,039
FROZEN	DO	-	-	1,948,338	697,959
HALIBUT, FROZEN:					
FILLETS	DO	-	-	445,765	228,120
STEAKS	DO	-	-	5,074,253	2,155,692
CHEEKS	DO	9,223	3,197	-	-
HERRING:					
EGGS AND KELP, SALTED	DO	107,900	36,100	-	-
MEAL	TONS	8,094	1,116,612	350	46,199
OIL	GALLONS	1,778,248	897,899	41,400	19,145
SOLUBLES	TONS	353	17,655	-	-
LINGCOD FILLETS:					
FRESH	POUNDS	-	-	636,679	129,938
FROZEN	DO	-	-	1,107,595	245,816
OCEAN PERCH FILLETS:					
FRESH	DO	-	-	245,995	50,568
FROZEN	DO	-	-	1,736,600	432,834
ROCKFISHES, FILLETS:					
FRESH	DO	-	-	1,573,165	303,252
FROZEN	DO	-	-	287,979	60,843
SABLEFISH, CURED:					
SALTED	DO	29,600	7,400	112,900	23,600
SMOKED (INCLUDING KIPPERED)	DO	524	290	200,735	62,669
SALMON:					
FROZEN:					
FILLETS	DO	-	-	50,681	38,010
STEAKS	DO	-	-	1,281,313	851,537
CANNED:					
CHINOOK OR KING	STANDARD CASES	45,759	1,517,548	22,041	737,212
CHUM OR KETA	DO	415,288	8,496,330	162,752	3,380,790
PINK	DO	634,943	15,001,931	184,867	4,421,072
RED OR SOCKEYE	DO	584,47[illegible]	21,416,812	137,211	6,444,568
SILVER OR COHO	DO	98,2[illegible]4	3,035,223	78,251	3,123,092
STEELHEAD	DO	5	1,121	365	12,173
TOTAL CANNED SALMON	DO	1,778,014	49,468,965	585,487	18,118,907
EGGS FOR BAIT	DO	-	-	18,386	912,372
SMOKED (INCLUDING KIPPERED)	DO	325	24,945	668	43,766
CURED:					
SALTED:					
MILD-CURED AND PICKLED (INCLUDING SALTED BELLIES)	POUNDS	3,669,177	3,029,967	1,207,162	912,628
EGGS FOR FOOD AND BAIT	DO	519,429	104,372	276,167	115,461
SMOKED (INCLUDING KIPPERED)	DO	14,896	21,655	776,585	536,475
SWORDFISH, FROZEN STEAKS	DO	-	-	561,050	308,998
STURGEON, SMOKED, CANNED	STANDARD CASES	-	-	272	14,737
TUNA, CANNED:					
ALBACORE	DO	-	-	149,297	1,801,483
YELLOWFIN (INCLUDING BIG-EYED IN CALIFORNIA)	DO	-	-	190,831	1,663,902
TOTAL CANNED TUNA	DO	-	-	340,128	3,465,385
CRABS:					
DUNGENESS:					
COOKED MEAT, FRESH AND FROZEN	POUNDS	488,937	467,032	584,821	573,363
FROZEN SECTIONS	DO	248,024	46,979	-	-
CANNED	STANDARD CASES	15,591	339,382	29,149	693,554
KING:					
COOKED MEAT, FRESH AND FROZEN	POUNDS	2,009,911	1,873,176	-	-
FROZEN CLAWS AND SECTIONS	DO	347,274	148,943	-	-
CANNED	STANDARD CASES	55,316	1,437,890	-	-
SHRIMP:					
RAW HEADLESS, FRESH AND FROZEN	POUNDS	3,330	3,408	-	-
PEELED AND DEVEINED (INCLUDING COOKED), FRESH AND FROZEN	DO	371,649	330,344	-	-
CANNED	STANDARD CASES	104,327	1,686,295	35,302	[illegible]
MEAL	TONS	89	12,474	(1)	(1)
CLAMS:					
HARD, CANNED:					
WHOLE AND MINCED	STANDARD CASES	-	-	[illegible]	[illegible]
NECTAR AND CHOWDER	DO	-	-	[illegible]	[illegible]
RAZOR:					
SHUCKED, FRESH	GALLONS	-	-	[illegible]	[illegible]
CANNED, WHOLE AND MINCED	STANDARD CASES	21,001	[illegible]	[illegible]	[illegible]

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

MANUFACTURED FISHERY PRODUCTS, 1959 - Continued

ITEM		ALASKA		WASHINGTON	
		QUANTITY	VALUE	QUANTITY	VALUE
OYSTERS:					
PACIFIC:					
SHUCKED, FRESH	GALLONS	-	-	744,146	$2,382,612
CANNED:					
REGULAR PACK, SOUP, AND STEW	STANDARD CASES	-	-	268,193	3,271,691
SMOKED	DO	-	-	1,554	147,947
WESTERN AND NEW WASHINGTON, SHUCKED	GALLONS	-	-	3,447	90,500
FUR SEAL:					
MEAL	TONS	330	$25,787	-	-
OIL	GALLONS	39,307	17,668	-	-
UNCLASSIFIED PRODUCTS:					
PACKAGED, FRESH AND FROZEN:					
FISH STICKS, BREADED:					
RAW	POUNDS	-	-	(2)	(2)
COOKED	DO	-	-	(2)	(2)
OTHER FISH AND SHELLFISH	DO	-	-	3/389,313	3/137,685
CANNED, FISH AND SHELLFISH	STANDARD CASES	-	-	6/100,071	6/596,616
CURED FISH AND SHELLFISH AND LUTEFISK	POUNDS	-	-	9/39,725	9/11,319
BYPRODUCTS	-	-	-	-	12/297,724
TOTAL	-	-	61,564,573	-	40,282,413

ITEM		OREGON		CALIFORNIA	
		QUANTITY	VALUE	QUANTITY	VALUE
ANCHOVIES, CANNED	STANDARD CASES	-	-	4,103	$27,414
COD:					
FILLETS:					
FRESH	POUNDS	50,603	$10,621	-	-
FROZEN	DO	70,185	14,635	30,000	7,500
SALTED (WHOLE AND BONED)	DO	-	-	(1)	(1)
FLOUNDER FILLETS:					
FRESH	DO	1,059,201	345,806	901,000	340,350
FROZEN	DO	1,244,667	419,866	1,616,000	551,650
HALIBUT, FROZEN:					
FILLETS	DO	21,600	7,560	-	-
STEAKS	DO	310,500	124,200	473,400	240,055
LINGCOD FILLETS:					
FRESH	DO	72,796	14,911	-	-
FROZEN	DO	44,945	9,381	18,500	4,070
MACKEREL, CANNED:					
JACK	STANDARD CASES	-	-	303,283	2,121,461
PACIFIC	DO	-	-	283,535	2,113,274
OCEAN PERCH FILLETS:					
FRESH	POUNDS	170,099	35,502	-	-
FROZEN	DO	681,427	168,903	180,000	48,280
ROCKFISHES, FILLETS:					
FRESH	DO	954,220	190,695	300,000	66,000
FROZEN	DO	139,470	28,955	624,000	145,620
SABLEFISH, CURED, SMOKED (INCLUDING KIPPERED)	DO	200	160	453,364	188,531
SALMON:					
FROZEN:					
FILLETS	DO	9,800	5,900	-	-
STEAKS	DO	31,160	23,370	143,400	105,489
CANNED:					
CHINOOK OR KING	STANDARD CASES	58,833	2,514,760	133	6,384
CHUM OR KETA	DO	4,018	83,086	-	-
PINK	DO	13	375	-	-
RED OR SOCKEYE	DO	15,172	733,559	-	-
SILVER OR COHO	DO	14,061	556,637	-	-
STEELHEAD	DO	9,482	344,662	-	-
TOTAL CANNED SALMON	DO	101,579	4,233,079	133	6,384
SMOKED (INCLUDING KIPPERED)	DO	285	21,159	124	9,413
CURED:					
SALTED, MILD-CURED AND PICKLED (INCLUDING SALTED BELLIES)	POUNDS	-	-	1,197,800	867,895
SMOKED (INCLUDING KIPPERED)	DO	26,500	23,244	1,103,633	863,159
SARDINES, PACIFIC:					
CANNED	STANDARD CASES	-	-	754,571	5,399,228
MEAL	TONS	-	-	2,927	323,999
OIL	GALLONS	-	-	187,938	91,691
SWORDFISH:					
FROZEN STEAKS	POUNDS	-	-	137,300	77,030
SMOKED	DO	-	-	5,300	3,643
STURGEON, SMOKED, CANNED	STANDARD CASES	335	24,511	-	-

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

MANUFACTURED FISHERY PRODUCTS, 1959 - Continued

ITEM		OREGON		CALIFORNIA	
		QUANTITY	VALUE	QUANTITY	VALUE
TUNA, CANNED:					
ALBACORE	STANDARD CASES	740,875	$9,680,894	1,639,336	$ 20,020,361
BLUEFIN	DO	-	-	359,066	3,966,197
SKIPJACK	DO	-	-	3,119,845	34,848,898
YELLOWFIN (INCLUDING BIG-EYED IN CALIFORNIA)	DO	198,458	1,930,865	5,340,357	56,809,728
UNCLASSIFIED (INCLUDING TONNO)	DO	-	-	191,527	2,566,912
TOTAL CANNED TUNA	DO	939,333	11,611,759	10,650,131	118,212,096
SPECIALTIES (SAUSAGES, WITH NOODLES, WITH BEANS)	DO	-	-	76,280	1,476,895
BONITO AND YELLOWTAIL, CANNED	DO	-	-	57,505	382,932
CRABS, DUNGENESS:					
COOKED MEAT, FRESH AND FROZEN	POUNDS	1,010,716	951,453	2,940,400	2,589,295
CANNED	STANDARD CASES	9,438	236,360	397	7,776
SHRIMP:					
RAW HEADLESS, FRESH AND FROZEN	POUNDS	-	-	517,600	484,327
PEELED AND DEVEINED (INCLUDING COOKED), FRESH AND FROZEN	DO	(1)	(1)	655,800	671,453
BREADED, FROZEN	DO	-	-	3,599,000	2,621,557
CANNED	STANDARD CASES	(1)	(1)	-	-
CLAMS:					
HARD, CANNED:					
WHOLE AND MINCED	DO	-	-	(1)	(1)
NECTAR AND CHOWDER	DO	-	-	(1)	(1)
RAZOR:					
SHUCKED, FRESH	GALLONS	1,185	9,047	-	-
CANNED, WHOLE AND MINCED	STANDARD CASES	812	16,488	-	-
OYSTERS:					
PACIFIC:					
SHUCKED, FRESH	GALLONS	146,851	525,279	157,745	534,347
CANNED, REGULAR PACK, SOUP, AND STEW	STANDARD CASES	(1)	(1)	-	-
WESTERN AND NEW WASHINGTON, SHUCKED	GALLONS	683	17,758	-	-
SCALLOPS, BREADED, FROZEN	POUNDS	-	-	64,100	41,342
SQUID, CANNED	STANDARD CASES	-	-	322,255	1,355,744
WHALE:					
MEAT, FROZEN (FOR ANIMAL FOOD)	POUNDS	-	-	3,722,335	346,622
MEAL	TONS	-	-	1,881	263,374
OIL:					
SPERM	GALLONS	-	-	22,849	11,508
OTHER	DO	-	-	498,480	253,398
UNCLASSIFIED PRODUCTS:					
PACKAGED, FRESH AND FROZEN:					
FISH STICKS, BREADED:					
RAW	POUNDS	-	-	898,889	329,121
COOKED	DO	-	-	3,128,325	1,641,745
OTHER FISH AND SHELLFISH	DO	4/15,350	4/16,300	5/1,564,844	5/908,781
CANNED, FISH AND SHELLFISH	STANDARD CASES	7/65,097	7/727,545	8/2,840,851	8/14,314,961
CURED FISH AND SHELLFISH AND LUTEFISK	POUNDS	10/10,205	10/2,275	11/891,200	11/377,886
BYPRODUCTS	-	-	13/464,585	-	14/13,418,355
TOTAL	-	-	20,281,307	-	173,845,651

1/ INCLUDED WITH "UNCLASSIFIED PRODUCTS". 2/ INCLUDED WITH OTHER FISH AND SHELLFISH. 3/ INCLUDES FROZEN SABLEFISH STEAKS, AND RAW AND COOKED FISH STICKS. 4/ INCLUDES PEELED SHRIMP AND SHUCKED SOFT-SHELL CLAMS. 5/ INCLUDES FROZEN HALIBUT DINNERS, SEA BASS STEAKS, FISH PORTIONS, FISH CHIPS, FISH CUTLETS, SHRIMP DINNERS, ABALONE PATTIES, ABALONE STEAKS, AND BREADED CLAMS. 6/ INCLUDES CANNED SALMON LIVERS, SHAD, SHAD ROE, FISH CAKES, ANIMAL FOOD, SMOKED RAZOR CLAMS, AND HARD CLAMS IN SHELL. 7/ INCLUDES CANNED SHAD, SHAD ROE, SMOKED SHAD, ANIMAL FOOD, SHRIMP, OYSTERS, AND OYSTER STEW. 8/ INCLUDES CANNED HERRING IN TOMATO SAUCE, ANIMAL FOOD, MINCED PISMO CLAMS, AND CLAM CHOWDER. 9/ INCLUDES SALTED PICKLED HERRING, SMOKED COD, KIPPERED HALIBUT AND KIPPERED STURGEON. 10/ INCLUDES SMOKED STURGEON, SALTED PICKLED SHRIMP, AND LUTEFISK (FROM DRIED COD). 11/ INCLUDES SALTED BARRACUDA, SEA BASS, CODFISH, SARDINES, AND YELLOWTAIL; SMOKED BARRACUDA, CARP, CODFISH, CHUBS, SEA BASS, SHAD, STURGEON, TUNA, WHITEFISH, AND YELLOWTAIL. 12/ INCLUDES SALMON MEAL AND OIL, SHARK-LIVER OIL, CRAB MEAL, SHRIMP MEAL, MEAL AND OIL FROM UNCLASSIFIED SPECIES, OYSTER-SHELL LIME AND GRIT, AND LIQUID FERTILIZER. 13/ INCLUDES SALMON OIL, TUNA BODY OIL, MIXED LIVER OIL, MEAL FROM UNCLASSIFIED SPECIES, CONDENSED FISH SOLUBLES, LIQUID FERTILIZER, OYSTER-SHELL LIME AND POULTRY GRIT. 14/ INCLUDES AGAR-AGAR, ANCHOVY MEAL AND OIL, TUNA AND MACKEREL MEAL AND OIL, MEAL AND OIL FROM UNCLASSIFIED SPECIES, SHARK-LIVER OIL, KELP PRODUCTS, FISH SOLUBLES, OYSTER-SHELL LIME AND POULTRY GRIT.

NOTE:--SOME OF THE ABOVE PRODUCTS MAY HAVE BEEN MANUFACTURED FROM RAW PRODUCTS IMPORTED FROM ANOTHER STATE OR A FOREIGN COUNTRY, THEREFORE THEY CANNOT BE CORRELATED DIRECTLY WITH THE CATCH WITHIN THE STATE.

SUMMARY OF PRODUCTION, BY COMMODITIES, 1959

SUMMARY OF ITEMS		QUANTITY	VALUE
PACKAGED FRESH AND FROZEN:			
UNBREADED:			
FISH FILLETS AND STEAKS	POUNDS	29,879,561	$9,974,773
SHELLFISH	DO	18,627,052	11,976,801
BREADED:			
FISH (FILLETS, PORTIONS, AND STICKS)	DO	5,416,751	2,509,174
SHELLFISH	DO	3,718,500	2,675,653
SPECIALTIES	DO	351,665	272,076
CANNED:			
FISH:			
FOR HUMAN CONSUMPTION	STANDARD CASES	15,881,058	216,851,722
ANIMAL FOOD AND SALMON EGGS FOR BAIT	DO	2,970,985	15,914,391
SHELLFISH	DO	931,202	10,969,771
CURED:			
SALTED FISH AND SHELLFISH (INCLUDES LUTEFISK FROM DRIED COD)	POUNDS	7,639,751	5,281,847
SMOKED AND KIPPERED	DO	3,047,837	1,923,021
WHALE MEAT FROZEN (FOR ANIMAL FOOD)	DO	3,722,335	346,622
BYPRODUCTS:			
MEAL	TONS	38,306	4,688,490
OIL (INCLUDING LIVER OIL)	GALLONS	3,346,699	1,765,906
FISH SOLUBLES	TONS	24,787	1,878,058
OYSTER-SHELL LIME AND POULTRY GRIT	DO	22,910	312,804
OTHER (AGAR-AGAR, KELP PRODUCTS, AND LIQUID FERTILIZER)	-	-	8,632,835
TOTAL	-	-	295,973,944

SUMMARY OF VALUE, BY STATES, 1959

STATE	VALUE
ALASKA	$61,564,573
WASHINGTON	40,282,413
OREGON	20,281,307
CALIFORNIA	173,845,651
TOTAL	295,973,944

TRANSPORTING, WHOLESALING, AND MANUFACTURING, 1959

ITEM	ALASKA	WASHINGTON	OREGON	CALIFORNIA	TOTAL
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
TRANSPORTING:					
PERSONS ENGAGED:					
ON VESSELS	646	145	27	-	818
ON BOATS	80	2	10	-	92
VESSELS, MOTOR	236	51	15	-	302
NET TONNAGE	14,582	2,110	228	-	16,920
BOATS, MOTOR	40	2	10	-	52
WHOLESALING AND MANUFACTURING:					
ESTABLISHMENTS	160	172	54	159	545
PERSONS ENGAGED:					
AVERAGE FOR SEASON	6,512	4,707	1,790	11,216	24,225
AVERAGE FOR YEAR	2,170	2,202	1,108	7,170	12,650

NOTE:--BOATS AND VESSELS ENGAGED IN TRANSPORTING AND FISHING ARE INCLUDED ONLY AS FISHING CRAFT. NONE OF THE PERSONS SHOWN ON TRANSPORTERS ENGAGED IN FISHING.

PACIFIC COAST STATES FISHERIES

ALASKA

CATCH BY REGIONS, 1959

SPECIES	SOUTHEASTERN ALASKA		CENTRAL ALASKA	
FISH	POUNDS	VALUE	POUNDS	VALUE
COD, TRUE	7,565	$378	-	-
FLOUNDERS	-	-	781	$62
HALIBUT 1/	24,946,810	3,247,768	5,027,400	651,340
HERRING	99,758,670	1,201,094	7,685,200	92,530
LINGCOD	4,186	120	-	-
ROCKFISHES	5,497	275	1,020	61
SABLEFISH 2/	2,312,379	187,057	-	-
SALMON: 3/				
CHINOOK OR KING	7,176,460	2,110,880	974,610	219,729
RED OR SOCKEYE	4,526,439	1,181,696	10,057,182	2,356,519
SILVER OR COHO	8,604,222	1,963,359	2,636,387	345,823
PINK OR HUMPBACK	35,768,567	3,778,201	12,193,024	1,136,458
CHUM OR KETA	12,634,185	1,010,317	14,110,788	951,876
TOTAL SALMON	68,709,873	10,044,453	39,971,991	5,010,405
SMELT	8,400	420	-	-
TROUT:				
DOLLY VARDEN	6,310	2,037	-	-
STEELHEAD	3,604	720	5,040	755
TOTAL FISH	195,763,294	14,684,322	52,691,432	5,755,153
SHELLFISH, ETC.				
CLAMS, RAZOR 4/	-	-	472,941	131,054
CRABS:				
DUNGENESS	1,422,292	119,473	2,577,052	206,165
KING	-	-	18,839,470	1,477,980
SHRIMP	5,518,843	204,197	7,533,478	301,340
TOTAL SHELLFISH, ETC.	6,941,135	323,670	29,422,941	2,116,539
KELP WITH HERRING EGGS	107,900	5,395	-	-
GRAND TOTAL	202,812,329	15,013,387	82,114,373	7,871,692

SPECIES	WESTERN ALASKA		TOTAL	
FISH	POUNDS	VALUE	POUNDS	VALUE
COD, TRUE	-	-	7,565	$378
FLOUNDERS	-	-	781	62
HALIBUT 1/	-	-	29,974,210	3,899,108
HERRING	-	-	107,443,870	1,293,624
LINGCOD	-	-	4,186	120
ROCKFISHES	-	-	6,517	336
SABLEFISH 2/	-	-	2,312,379	187,057
SALMON: 3/				
CHINOOK OR KING	3,569,382	$671,414	11,720,452	3,002,023
RED OR SOCKEYE	28,806,130	4,737,041	43,389,751	8,275,256
SILVER OR COHO	611,513	60,396	11,852,122	2,369,578
PINK OR HUMPBACK	85,023	6,554	48,046,614	4,921,213
CHUM OR KETA	5,524,057	426,211	32,269,040	2,388,404
TOTAL SALMON	38,596,115	5,901,616	147,277,979	20,956,474
SMELT	-	-	8,400	420
TROUT:				
DOLLY VARDEN	-	-	6,310	2,037
STEELHEAD	-	-	8,644	1,475
TOTAL FISH	38,596,115	5,901,616	287,050,841	26,341,091
SHELLFISH, ETC.				
CLAMS, RAZOR 4/	-	-	472,941	131,054
CRABS:				
DUNGENESS	-	-	3,999,344	325,638
KING	-	-	18,839,470	1,477,980
SHRIMP	-	-	13,052,321	505,537
TOTAL SHELLFISH, ETC.	-	-	36,364,076	2,440,209
KELP WITH HERRING EGGS	-	-	107,900	5,395
GRAND TOTAL	38,596,115	5,901,616	323,522,817	28,786,695

1/ INCLUDES THE VALUE OF HALIBUT LIVERS AND VISCERA AMOUNTING TO $15,730.

2/ INCLUDES THE VALUE OF SABLEFISH LIVERS AMOUNTING TO $1,107.

3/ ESTIMATED WEIGHTS OF SALMON WERE DETERMINED FOR EACH REGION. THESE WEIGHTS WERE USED TO CONVERT NUMBER OF SALMON TO POUNDS.

4/ BASED ON A YIELD OF 42 PERCENT EDIBLE MEATS.

NOTE:--THE ABOVE DATA INCLUDE CATCHES OF HALIBUT, SABLEFISH, LINGCOD, AND ROCKFISHES LANDED BY VESSELS OF U. S. REGISTRY IN BRITISH COLUMBIA PORTS. ROUND WEIGHTS OF FISH TAKEN BY HALIBUT VESSELS WERE OBTAINED BY MULTIPLYING REPORTED WEIGHTS, REPRESENTING POUNDAGE OF FISH EVISCERATED AND WITH HEADS-OFF, BY THE FOLLOWING FACTORS: HALIBUT 1.33, AND SABLEFISH, LINGCOD, AND ROCKFISHES 1.43.

SUMMARY OF PRODUCTS AS PREPARED FOR MARKET, 1959

ITEM	SOUTHEASTERN ALASKA		CENTRAL ALASKA		WESTERN ALASKA		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
COD, TRUE . .	5,197	$860	-	-	-	-	5,197	$860
FLOUNDERS . .	-	-	400	$60	-	-	400	60
HALIBUT . . .	19,506,653	4,613,668	6,544,549	1,443,241	-	-	26,051,202	6,056,909
HERRING . . .	32,204,133	2,118,826	2,723,902	144,469	-	-	34,928,035	2,263,295
LINGCOD . . .	2,927	354	-	-	-	-	2,927	354
ROCKFISHES. .	5,497	659	1,020	122	-	-	6,517	781
SABLEFISH . .	1,817,707	344,782	-	-	-	-	1,817,707	344,782
SALMON. . . .	47,865,379	24,818,618	28,165,129	15,924,027	22,600,090	$15,491,873	98,630,598	56,234,518
SMELT	8,400	870	-	-	-	-	8,400	870
TROUT:								
DOLLY VARDEN. . . .	6,310	2,037	-	-	-	-	6,310	2,037
STEELHEAD .	940	290	2,352	1,098	-	-	3,292	1,388
CLAMS, RAZOR.	-	-	315,015	445,692	-	-	315,015	445,692
CRABS:								
DUNGENESS .	351,835	323,399	702,380	533,549	-	-	1,054,215	856,948
KING. . . .	-	-	4,317,663	3,850,022	-	-	4,317,663	3,850,022
SHRIMP. . . .	1,110,669	936,716	1,032,379	1,104,394	-	-	2,143,048	2,041,110
KELP, WITH EGGS	107,900	36,100	-	-	-	-	107,900	36,100
FUR SEAL. . .	-	-	-	-	953,966	43,475	953,966	43,475
SEA LION. . .	-	-	222,625	24,017	-	-	222,625	24,017
TOTAL. .	102,993,547	33,197,179	44,027,414	23,470,691	23,554,056	15,535,348	170,575,017	72,203,218

NOTE:--DATA ON CATCHES AND PRODUCTS AS PREPARED FOR MARKET INCLUDE FARES OF VESSELS OF U. S. REGISTRY LANDED AT BRITISH COLUMBIA PORTS. DATA ON PRODUCTS AS PREPARED FOR MARKET INCLUDE THE PRODUCTION OF CANADIAN-CAUGHT HALIBUT LANDED IN ALASKA.

PRODUCTS AS PREPARED FOR MARKET, 1959

ITEM	SOUTHEASTERN ALASKA		CENTRAL ALASKA		WESTERN ALASKA		TOTAL	
FRESH	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
HALIBUT	-	-	3,243	$810	-	-	3,243	$810
HERRING, FOR BAIT .	170,000	$7,000	-	-	-	-	170,000	7,000
LINGCOD	2,830	340	-	-	-	-	2,830	340
SALMON:								
FOOD.	-	-	2,190	591	12,914	$3,788	15,104	4,379
BAIT.	-	-	795	119	-	-	795	119
SMELT	8,400	870	-	-	-	-	8,400	870
CRABS:								
DUNGENESS:								
WHOLE	180	36	4,772	1,036	-	-	4,952	1,072
MEAT.	-	-	24,131	29,446	-	-	24,131	29,446
KING:								
WHOLE	-	-	46,594	15,854	-	-	46,594	15,854
SECTIONS. . . .	-	-	9,000	3,029	-	-	9,000	3,029
MEAT.	-	-	688	725	-	-	688	725
SHRIMP:								
WHOLE	-	-	378	189	-	-	378	189
TAILS	-	-	150	225	-	-	150	225
TOTAL FRESH. .	181,410	8,246	91,941	52,024	12,914	3,788	286,265	64,058
FROZEN								
COD, TRUE:								
FOR BAIT.	3,618	434	-	-	-	-	3,618	434
FILLETS	1,579	426	-	-	-	-	1,579	426
FLOUNDERS, FOR BAIT	-	-	400	60	-	-	400	60
HALIBUT:								
DRESSED	19,412,720	4,594,900	6,540,848	1,442,271	-	-	25,953,568	6,037,171
CHEEK	8,765	3,037	458	160	-	-	9,223	3,197
LIVERS.	68,386	15,060	-	-	-	-	68,386	15,060
VISCERA	16,782	671	-	-	-	-	16,782	671

(CONTINUED ON NEXT PAGE)

PRODUCTS AS PREPARED FOR MARKET, 1959 - Continued

ITEM	SOUTHEASTERN ALASKA		CENTRAL ALASKA		WESTERN ALASKA		TOTAL	
FROZEN - CONTINUED	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
HERRING, FOR BAIT .	4,526,170	$224,129	-	-	-	-	4,526,170	$224,129
LINGCOD	97	14	-	-	-	-	97	14
ROCKFISHES, FOR BAIT	5,497	659	1,020	$122	-	-	6,517	781
SABLEFISH:								
FOOD.	1,782,528	335,985	-	-	-	-	1,782,528	335,985
LIVERS.	5,055	1,107	-	-	-	-	5,055	1,107
SALMON:								
FOOD.	7,905,534	3,324,432	427,450	139,965	171,753	$53,402	8,504,737	3,517,799
BAIT.	26,650	2,660	61,251	11,025	-	-	87,901	13,685
VISCERA	460,687	49,753	-	-	-	-	460,687	49,753
TROUT:								
DOLLY VARDEN. . .	6,310	2,037	-	-	-	-	6,310	2,037
STEELHEAD	892	267	-	-	-	-	892	267
CRABS:								
DUNGENESS:								
WHOLE	8,278	2,483	-	-	-	-	8,278	2,483
SECTIONS. . . .	-	-	248,024	46,979	-	-	248,024	46,979
COLD PACK MEAT.	202,606	172,207	262,200	265,379	-	-	464,806	437,586
KING:								
WHOLE	-	-	835,222	374,159	-	-	835,222	374,159
SECTIONS. . . .	-	-	258,220	117,896	-	-	258,220	117,896
MEAT IN BULK. .	-	-	969,996	867,240	-	-	969,996	867,240
COLD PACK MEAT.	-	-	346,626	415,412	-	-	346,626	415,412
MEAT IN BLOCKS.	-	-	692,601	589,799	-	-	692,601	589,799
CLAWS	-	-	3,059	1,070	-	-	3,059	1,070
CLAWS IN BLOCKS	-	-	76,995	26,948	-	-	76,995	26,948
SHRIMP:								
WHOLE	24,555	8,389	25	11	-	-	24,580	8,400
MEAT.	47	63	10,614	9,552	-	-	10,661	9,615
COLD PACK MEAT. .	360,058	319,892	930	837	-	-	360,988	320,729
TAILS	-	-	741	701	-	-	741	701
COLD PACK TAILS .	2,439	2,482	-	-	-	-	2,439	2,482
SEA LION:								
LIVER	-	-	17,550	3,510	-	-	17,550	3,510
MEAT.	-	-	205,075	20,507	-	-	205,075	20,507
TOTAL FROZEN .	34,829,253	9,061,087	10,959,305	4,333,603	171,753	53,402	45,960,311	13,448,092
CURED								
SABLEFISH:								
SALTED.	29,600	7,400	-	-	-	-	29,600	7,400
SMOKED.	524	290	-	-	-	-	524	290
SALMON:								
MILD-CURED. . . .	2,640,013	2,356,639	31,825	22,494	666,952	459,747	3,338,790	2,838,880
PICKLED	-	-	900	500	329,487	190,587	330,387	191,087
SMOKED OR KIPPERED	1,759	1,805	12,137	18,460	1,000	1,390	14,896	21,655
EGGS FOR FOOD . .	42,697	11,712	10,133	2,027	-	-	52,830	13,739
EGGS FOR BAIT . .	369,479	71,209	97,120	19,424	-	-	466,599	90,633
KELP AND HERRING EGGS, SALTED . . .	107,900	36,100	-	-	-	-	107,900	36,100
TOTAL CURED. .	3,191,972	2,485,155	152,115	62,905	997,439	651,724	4,341,526	3,199,784
CANNED								
SALMON:								
CHINOOK OR KING .	65,952	47,231	563,328	417,808	1,543,536	1,069,220	2,172,816	1,534,259
RED OR SOCKEYE. .	2,961,696	2,508,842	7,740,048	6,268,790	17,354,400	12,642,134	28,056,144	21,419,766
SILVER OR COHO. .	2,880,576	1,868,767	1,686,960	1,073,099	148,368	96,405	4,715,904	3,038,291
PINK OR HUMPBACK.	22,688,832	11,266,013	7,786,992	3,735,217	1,536	809	30,477,360	15,002,039
CHUM OR KETA. . .	7,821,504	3,309,535	9,744,000	4,214,508	2,370,144	974,391	19,935,648	8,498,434
TOTAL.	36,418,560	19,000,408	27,521,328	15,709,422	21,417,984	14,782,959	85,357,872	49,492,789
TROUT, STEELHEAD. .	48	23	2,352	1,098	-	-	2,400	1,121
CLAMS, RAZOR:								
WHOLE	-	-	1,185	1,699	-	-	1,185	1,699
MINCED.	-	-	313,830	443,993	-	-	313,830	443,993
CRABS:								
DUNGENESS	140,771	148,673	163,253	190,709	-	-	304,024	339,382
KING.	-	-	1,078,662	1,437,890	-	-	1,078,662	1,437,890
SHRIMP.	545,370	593,416	1,019,541	1,092,879	-	-	1,564,911	1,686,295
TOTAL CANNED .	37,104,749	19,742,520	30,100,151	18,877,690	21,417,984	14,782,959	88,622,884	53,403,169
BYPRODUCTS								
MEAL:								
FUR SEAL.	-	-	-	-	659,167	25,787	659,167	25,787
HERRING	14,996,991	1,044,839	1,191,820	71,773	-	-	16,188,811	1,116,612
SHRIMP.	178,200	12,474	-	-	-	-	178,200	12,474
OIL:								
FUR SEAL.	-	-	-	-	294,799	17,688	294,799	17,688
HERRING	12,510,972	842,858	825,882	55,041	-	-	13,336,854	897,899
SOLUBLES, HERRING .	-	-	706,200	17,655	-	-	706,200	17,655
TOTAL BYPRODUCTS. .	27,686,163	1,900,171	2,723,902	144,469	953,966	43,475	31,364,031	2,088,115
GRAND TOTAL. .	102,993,547	33,197,179	44,027,414	23,470,691	23,554,056	15,535,348	170,575,017	72,203,218

PACIFIC COAST STATES FISHERIES

SOUTHEASTERN REGION OF ALASKA

OPERATING UNITS BY GEAR, 1959

ITEM	PURSE SEINES		BEAM TRAWLS, SHRIMP	OTTER TRAWLS, FISH	POUND NETS, HERRING	TRAPS, FLOATING	POTS, DUNGENESS CRAB
	HERRING	SALMON					
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS.	150	2,717	46	4	-	-	16
ON BOATS AND SHORE. . .	-	141	-	-	3	22	1
TOTAL.	150	2,858	46	4	3	22	17
VESSELS, MOTOR.	18	455	22	1	-	-	9
NET TONNAGE	1,064	8,472	432	22	-	-	108
BOATS, MOTOR.	-	27	-	-	-	-	1
ACCESSORY BOATS	18	482	-	-	-	-	-
GEAR:							
NUMBER.	18	482	22	1	3	11	2,025
LENGTH, YARDS	7,470	219,610	-	-	-	-	-
YARDS AT MOUTH.	-	-	247	25	-	-	-

ITEM	GILL NETS, SALMON		LINES		BY HAND	TOTAL, EXCLUSIVE OF DUPLICATION
	DRIFT	SET	LONG OR SET AND HAND	TROLL, SALMON		
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS.	133	-	1,142	758	-	4,320
ON BOATS AND SHORE. . .	307	155	23	1,223	65	1,788
TOTAL.	440	155	1,165	1,981	65	6,108
VESSELS, MOTOR.	114	-	256	645	-	1,311
NET TONNAGE	946	-	5,297	6,239	-	19,079
BOATS, MOTOR.	300	155	20	1,161	5	1,586
ACCESSORY BOATS	-	-	-	-	-	500
GEAR:						
NUMBER.	549	210	7,479	6,118	-	-
LENGTH, YARDS	241,300	24,300	-	-	-	-
SQUARE YARDS.	1,308,083	165,523	-	-	-	-
HOOKS	-	-	613,278	32,216	-	-

SOUTHEASTERN REGION OF ALASKA - CATCH BY GEAR, 1959

SPECIES	PURSE SEINES		BEAM AND OTTER TRAWLS		POUND NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
COD, TRUE	-	-	7,565	$378	-	-
HERRING	99,348,670	$1,196,158	-	-	410,000	$4,936
SALMON:						
CHINOOK OR KING	90,980	11,135	-	-	-	-
CHUM OR KETA.	9,048,125	668,708	-	-	-	-
PINK.	32,815,402	3,460,230	-	-	-	-
RED OR SOCKEYE.	3,114,097	849,054	-	-	-	-
SILVER OR COHO.	1,408,673	166,542	-	-	-	-
TOTAL SALMON	46,477,277	5,155,669	-	-	-	-
SMELT	8,400	420	-	-	-	-
TROUT:						
DOLLY VARDEN.	6,310	2,037	-	-	-	-
STEELHEAD	16	3	-	-	-	-
SHRIMP.	-	-	5,518,843	204,197	-	-
TOTAL.	145,840,673	6,354,287	5,526,408	204,575	410,000	4,936

(CONTINUED ON NEXT PAGE)

PACIFIC COAST STATES FISHERIES

SOUTHEASTERN REGION OF ALASKA

CATCH BY GEAR, 1959 - Continued

SPECIES	TRAPS, FLOATING		POTS		GILL NETS			
					DRIFT		SET	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
SALMON:								
CHINOOK OR KING	340	$43	-	-	682,940	$132,781	32,440	$5,820
CHUM OR KETA.	178,347	13,182	-	-	2,938,854	293,390	455,844	33,574
PINK.	1,780,185	184,514	-	-	868,985	99,626	57,408	6,172
RED OR SOCKEYE.	105,501	28,824	-	-	760,905	206,678	545,014	96,887
SILVER OR COHO.	59,940	7,099	-	-	930,039	180,811	1,887,059	296,108
TOTAL SALMON	2,124,313	233,662	-	-	6,181,723	913,286	2,977,765	438,561
TROUT, STEELHEAD.	-	-	-	-	3,588	717	-	-
CRABS, DUNGENESS.	-	-	1,422,292	$119,473	-	-	-	-
TOTAL.	2,124,313	233,662	1,422,292	119,473	6,185,311	914,003	2,977,765	438,561

SPECIES	LINES				BY HAND	
	LONG OR SET AND HAND		TROLL			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
HALIBUT	24,946,810	$3,247,768	-	-	-	-
LINGCOD	4,186	120	-	-	-	-
ROCKFISHES.	5,497	275	-	-	-	-
SABLEFISH	2,312,379	187,057	-	-	-	-
SALMON:						
CHINOOK OR KING	-	-	6,369,760	$1,961,101	-	-
CHUM OR KETA.	-	-	13,015	1,463	-	-
PINK.	-	-	246,587	27,659	-	-
RED OR SOCKEYE.	-	-	922	253	-	-
SILVER OR COHO.	-	-	4,31[illegible],511	1,312,799	-	-
TOTAL SALMON	-	-	10,94[illegible],795	3,303,275	-	-
KELP AND HERRING EGGS . . .	-	-	-	-	107,900	$5,395
TOTAL.	27,268,872	3,435,220	10,94[illegible],795	3,303,275	107,900	5,395

CENTRAL REGION OF ALASKA - OPERATING UNITS BY GEAR, 1959

ITEM	HAUL SEINES	PURSE SEINES		OTTER TRAWLS		POTS	
						CRAB	
		HERRING	SALMON	KING CRAB	SHRIMP	DUNGENESS	KING
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS.	310	63	1,067	74	77	32	329
ON BOATS AND SHORE. . . .	789	-	450	-	2	17	54
TOTAL.	1,099	63	1,517	74	79	49	383
VESSELS, MOTOR.	111	7	288	26	23	19	152
NET TONNAGE	1,119	443	3,375	589	694	182	2,079
BOATS, MOTOR.	263	-	125	-	1	12	44
ACCESSORY BOATS	-	7	413	-	-	-	-
GEAR:							
NUMBER.	374	7	413	26	24	3,886	5,655
LENGTH, YARDS	76,040	2,590	143,760	-	-	-	-
YARDS AT MOUTH.	-	-	-	540	489	-	-

ITEM	POTS-CONTINUED	GILL NETS, SALMON		LINES		SHOVELS, CLAM	TOTAL, EXCLUSIVE OF DUPLICATION
	SHRIMP	DRIFT	SET	LONG OR SET AND HAND	TROLL, SALMON		
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS.	-	229	45	350	12	81	1,935
ON BOATS AND SHORE. . . .	5	691	647	4	-	222	1,771
TOTAL.	5	920	692	354	12	303	3,706
VESSELS, MOTOR.	-	145	26	72	8	26	562
NET TONNAGE	-	1,127	311	1,834	89	210	8,287
BOATS, MOTOR.	5	657	647	4	-	106	1,353
ACCESSORY BOATS	-	-	-	-	-	-	420
GEAR:							
NUMBER.	60	1,056	923	2,380	32	303	-
LENGTH, YARDS	-	328,600	210,480	-	-	-	-
SQUARE YARDS.	-	1,503,810	902,552	-	-	-	-
HOOKS	-	-	-	195,160	212	-	-

CENTRAL REGION OF ALASKA - CATCH BY GEAR, 1959

SPECIES	HAUL SEINES		PURSE SEINES		OTTER TRAWLS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FLOUNDER	-	-	-	-	781	$62
HERRING	-	-	7,685,200	$92,530	-	-
ROCKFISHES	-	-	-	-	1,020	61
SALMON:						
CHINOOK OR KING	22,820	$3,217	36,080	4,941	-	-
CHUM OR KETA	3,535,319	240,377	8,086,646	521,854	-	-
PINK	1,857,936	160,620	9,520,748	895,633	-	-
RED OR SOCKEYE	2,901,961	566,812	1,395,994	273,540	-	-
SILVER OR COHO	106,160	13,386	89,004	12,355	-	-
TOTAL SALMON	8,424,196	984,412	19,128,472	1,708,323	-	-
TROUT, STEELHEAD	1,016	152	4,016	602	-	-
CRABS, KING	-	-	-	-	1,369,197	105,577
SHRIMP	-	-	-	-	7,526,758	301,071
GRAND TOTAL	8,425,212	984,564	26,817,688	1,801,455	8,897,756	406,771

SPECIES	POTS		GILL NETS			
			DRIFT		SET	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
SALMON:						
CHINOOK OR KING	-	-	352,950	$74,675	532,660	$132,988
CHUM OR KETA	-	-	1,627,817	125,684	861,006	63,961
PINK	-	-	38,538	3,350	774,634	76,745
RED OR SOCKEYE	-	-	2,554,096	677,622	3,205,131	838,545
SILVER OR COHO	-	-	1,776,480	223,997	650,709	94,277
TOTAL SALMON	-	-	6,349,881	1,105,328	6,024,140	1,206,516
TROUT, STEELHEAD	-	-	-	-	8	1
CRABS:						
DUNGENESS	2,577,052	$206,165	-	-	-	-
KING	17,470,273	1,372,403	-	-	-	-
SHRIMP	6,720	269	-	-	-	-
GRAND TOTAL	20,054,045	1,578,837	6,349,881	1,105,328	6,024,148	1,206,517

SPECIES	LINES				SHOVELS	
	LONG OR SET AND HAND		TROLL			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
HALIBUT	5,027,400	$651,340	-	-	-	-
SALMON:						
CHINOOK OR KING	-	-	30,100	$3,908	-	-
PINK	-	-	1,168	110	-	-
SILVER OR COHO	-	-	14,034	1,808	-	-
TOTAL SALMON	-	-	45,302	5,826	-	-
CLAMS, RAZOR 1/	-	-	-	-	472,941	$131,054
GRAND TOTAL	5,027,400	651,340	45,302	5,826	472,941	131,054

1/ BASED ON A YIELD OF 42 PERCENT EDIBLE MEAT.

PACIFIC COAST STATES FISHERIES

WESTERN REGION OF ALASKA

OPERATING UNITS BY GEAR, 1959

ITEM	HAUL SEINES	PURSE SEINES, SALMON	GILL NETS, SALMON		FISH WHEELS	TOTAL, EXCLUSIVE OF DUPLICATION
			DRIFT	SET		
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS.	50	126	295	18	-	451
ON BOATS AND SHORE. . .	27	32	1,004	513	8	1,536
TOTAL	77	158	1,299	531	8	1,987
VESSELS, MOTOR.	16	27	153	10	-	183
NET TONNAGE	207	521	1,079	93	-	1,784
BOATS, MOTOR.	10	8	777	361	-	1,116
ACCESSORY BOATS	-	35	-	-	-	35
GEAR:						
NUMBER.	26	35	1,343	395	8	-
LENGTH, YARDS	3,400	13,170	389,300	63,290	-	-
SQUARE YARDS.	-	-	1,383,803	281,485	-	-

WESTERN REGION OF ALASKA- CATCH BY GEAR, 1959

SPECIES	HAUL SEINES		PURSE SEINES		GILL NETS	
					DRIFT	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
SALMON:						
CHINOOK OR KING	11,540	$1,789	15,280	$2,368	1,995,992	$368,596
CHUM OR KETA.	1,376,463	98,021	953,686	67,914	2,743,779	227,878
PINK.	14,820	1,140	64,011	4,924	4,755	374
RED OR SOCKEYE.	99,436	16,941	761,815	129,791	24,662,406	4,051,151
SILVER OR COHO.	1,215	128	3,375	356	358,523	36,295
TOTAL SALMON. . . .	1,503,474	118,019	1,798,167	205,353	29,765,455	4,684,294

SPECIES	GILL NETS - CONTINUED		FISH WHEELS	
	SET			
	POUNDS	VALUE	POUNDS	VALUE
SALMON:				
CHINOOK OR KING	1,521,208	$293,729	25,362	$4,932
CHUM OR KETA.	450,139	32,398	-	-
PINK.	1,437	116	-	-
RED OR SOCKEYE.	3,282,473	539,158	-	-
SILVER OR COHO.	248,400	23,617	-	-
TOTAL SALMON. . . .	5,503,657	889,018	25,362	4,932

NUMBER OF SALMON CAUGHT, BY REGIONS, 1959

SPECIES	SOUTHEASTERN ALASKA		CENTRAL ALASKA		WESTERN ALASKA		TOTAL	
	NUMBER	VALUE	NUMBER	VALUE	NUMBER	VALUE	NUMBER	VALUE
CHINOOK OR KING.	358,823	$2,110,880	47,244	$219,729	195,111	$671,414	601,178	$3,002,023
RED OR SOCKEYE .	777,437	1,181,696	1,936,795	2,356,519	5,249,133	4,737,041	7,963,365	8,275,256
SILVER OR COHO .	1,093,583	1,963,359	332,402	345,823	76,450	60,396	1,502,435	2,369,578
PINK OR HUMPBACK	7,851,259	3,778,201	3,057,239	1,136,458	21,847	6,554	10,930,345	4,921,213
CHUM OR KETA . .	1,246,834	1,010,317	1,908,419	951,876	886,341	426,211	4,041,594	2,388,404
TOTAL . . .	11,327,936	10,044,453	7,282,099	5,010,405	6,428,882	5,901,616	25,038,917	20,956,474

NOTE:--THE SALMON CATCH IS REPORTED IN NUMBERS OF FISH; ESTIMATED ROUND WEIGHTS ARE SHOWN IN THE CATCH TABLES.

AVERAGE WEIGHT OF SALMON, BY REGIONS, 1959, 1958, AND 1957

SPECIES	1959			ALL REGIONS		
	SOUTHEASTERN	CENTRAL	WESTERN	1959	1958	1957
	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS	POUNDS
CHINOOK OR KING.	20.000	20.629	18.294	19.496	19.976	20.0
RED OR SOCKEYE	5.822	5.193	5.488	5.449	5.717	6.0
SILVER OR COHO	7.868	7.931	7.999	7.889	8.163	9.0
PINK OR HUMPBACK	4.556	3.988	3.892	4.396	4.625	4.0
CHUM OR KETA	10.133	7.394	6.232	7.984	9.324	8.0

NOTE:--IN 1957 AND PREVIOUS YEARS IDENTICAL FACTORS WERE USED FOR ALL REGIONS.

TRANSPORTING, WHOLESALING, AND MANUFACTURING, 1959

ITEM	SOUTHEASTERN ALASKA	CENTRAL ALASKA	WESTERN ALASKA	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER
TRANSPORTING:				
PERSONS ENGAGED	281	335	119	726
CRAFT TRANSPORTING:				
VESSELS, MOTOR.	101	99	37	236
NET TONNAGE	5,523	6,968	2,107	14,582
BOATS, MOTOR.	3	9	28	40
LIGHTERS AND SCOWS.	29	96	19	144
BOATS USED OTHER THAN IN FISHING OR TRANSPORTING.	60	39	69	168
SCOWS, PILE DRIVERS, SKIFFS, ETC.	22	3	-	25
WHOLESALE AND MANUFACTURING, PERSONS ENGAGED.	2,419	2,545	1,588	6,512
ESTABLISHMENTS:				
HANDLING FRESH AND FROZEN FISH AND SHELLFISH	19	26	4	48
CURING FISH	18	10	27	55
CANNING FISH AND SHELLFISH. .	28	46	15	88
MANUFACTURING BYPRODUCTS. . .	4	2	1	7
TOTAL ESTABLISHMENTS (EXCLUSIVE OF DUPLICATION)	52	68	42	160

PRODUCTION OF CANNED PRODUCTS, 1959

(IN STANDARD CASES)

SPECIES	SOUTHEASTERN ALASKA		CENTRAL ALASKA		WESTERN ALASKA		TOTAL	
FISH	CASES	VALUE	CASES	VALUE	CASES	VALUE	CASES	VALUE
SALMON:								
CHINOOK OR KING.	1,374	$47,231	11,736	$417,808	32,157	$1,069,220	45,267	$1,534,259
RED OR SOCKEYE .	61,702	2,508,842	161,251	6,268,790	361,550	12,642,134	584,503	21,419,766
SILVER OR COHO .	60,012	1,868,787	35,145	1,073,099	3,091	96,405	98,248	3,038,291
PINK OR HUMPBACK	472,684	11,266,013	162,229	3,735,217	32	809	634,945	15,002,039
CHUM OR KETA . .	162,948	3,309,535	203,000	4,214,508	49,378	974,391	415,326	8,498,434
TOTAL	758,720	19,000,408	573,361	15,709,422	446,208	14,782,959	1,778,289	49,492,789
TROUT, STEELHEAD .	1	23	49	1,098	-	-	50	1,121
SHELLFISH								
CLAMS, RAZOR . . .	-	-	21,001	445,692	-	-	21,001	445,692
CRAB MEAT:								
DUNGENESS. . . .	7,219	148,673	8,372	190,709	-	-	15,591	339,382
KING	-	-	55,316	1,437,890	-	-	55,316	1,437,890
SHRIMP	36,358	593,416	67,969	1,092,879	-	-	104,327	1,686,295
GRAND TOTAL .	802,298	19,742,520	726,068	18,877,690	446,208	14,782,959	1,974,574	53,403,169

NOTE:--STANDARD CASES REPRESENT THE VARIOUS SIZE PACKS CONVERTED AS FOLLOWS: SALMON AND TROUT, 48 CANS, EACH CONTAINING 16 OUNCES; CLAMS, 48 CANS EACH CONTAINING 5 OUNCES OF MEATS (DRAINED WEIGHT); CRABMEAT, 48 CANS EACH CONTAINING 6 1/2 OUNCES; AND SHRIMP, 48 CANS EACH CONTAINING 5 OUNCES OF MEAT (DRAINED WEIGHT). THE SALMON PACK INCLUDES SMALL QUANTITIES OF SMOKED SALMON AS FOLLOWS: CHINOOK, 208 CASES, VALUE $16,711; RED, 33 CASES, VALUE $2,954; SILVER, 44 CASES, VALUE $3,068; PINK, 2 CASES, VALUE $108; AND CHUM, 48 CASES, VALUE $2,104.

PRODUCTION OF BYPRODUCTS, 1959

ITEM		SOUTHEASTERN ALASKA		CENTRAL ALASKA	
		QUANTITY	VALUE	QUANTITY	VALUE
MEAL:					
SHRIMP.	TONS	89	$12,474	-	-
HERRING	"	7,498	1,044,839	596	$71,773
OIL, HERRING.	GALLONS	1,668,130	842,858	110,118	55,041
SOLUBLES, HERRING . .	TONS	-	-	70,620	17,655
TOTAL.		-	1,900,171	-	144,469

ITEM		WESTERN ALASKA		TOTAL	
		QUANTITY	VALUE	QUANTITY	VALUE
MEAL:					
SHRIMP.	TONS	-	-	89	$12,474
HERRING	"	-	-	8,094	1,116,612
FUR-SEAL.	"	330	$25,787	330	25,787
OIL:					
HERRING	GALLONS	-	-	1,778,248	897,899
FUR-SEAL.	"	39,307	17,688	39,307	17,688
SOLUBLES, HERRING . .	TONS	-	-	70,620	17,655
TOTAL.		-	43,475	-	2,088,115

PACIFIC COAST STATES FISHERIES

WASHINGTON

CATCH BY DISTRICTS, 1959

SPECIES	PUGET SOUND		COASTAL		COLUMBIA RIVER	
FISH	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CARP	-	-	-	-	282,300	$5,647
COD	12,953,800	$647,693	7,600	$383	-	-
FLOUNDERS:						
"SOLE"	12,717,900	928,635	65,100	4,373	-	-
OTHER	876,200	43,812	5,600	209	5,300	85
HAKE	360,000	3,330	-	-	-	-
HALIBUT	23,336,800	3,808,713	70,200	8,709	1,400	164
HERRING, SEA	5,536,600	112,445	-	-	-	-
LINGCOD	5,272,500	258,739	138,200	6,006	7,000	300
OCEAN PERCH	5,840,000	291,998	-	-	-	-
PERCH	122,600	14,860	8,600	747	-	-
RATFISH	2,596,600	23,370	-	-	-	-
ROCKFISHES	6,236,100	308,851	351,100	12,102	79,800	1,994
SABLEFISH	4,231,900	450,428	26,300	1,687	-	-
SALMON:						
CHINOOK OR KING	2,970,900	1,001,121	1,139,800	387,920	1,773,400	537,815
CHUM OR KETA	4,342,500	800,343	1,811,600	305,477	15,800	1,893
PINK	13,583,300	2,088,488	102,500	16,702	300	43
RED OR SOCKEYE	9,642,600	2,997,300	111,100	45,570	172,800	57,014
SILVER OR COHO	4,085,100	1,143,363	2,114,300	591,013	441,800	115,669
TOTAL SALMON	34,624,400	8,030,615	5,279,300	1,346,682	2,404,100	712,434
SEA BASS, WHITE	-	-	2,800	237	-	-
SHAD	300	16	1,500	90	54,600	4,899
SHARKS:						
GRAYFISH	3,091,900	28,189	-	-	-	-
SOUPFIN	1,900	115	-	-	-	-
OTHER	4,800	49	-	-	-	-
TOTAL SHARKS	3,098,600	28,353	-	-	-	-
SKATES	707,200	7,072	-	-	-	-
SMELT:						
EULACHON	-	-	-	-	1,293,300	56,329
SURF OR SILVER	64,600	7,753	471,400	31,080	-	-
STEELHEAD TROUT	51,100	10,712	97,600	20,497	168,000	35,266
STURGEON	11,100	1,658	123,300	10,008	140,900	14,815
SUCKERS	-	-	-	-	40,000	681
TUNA, ALBACORE	364,100	64,454	1,791,600	340,400	805,100	160,200
TOTAL FISH	119,002,400	15,043,507	8,440,200	1,783,210	5,281,800	992,814
SHELLFISH						
CRABS, DUNGENESS 1/	568,400	76,731	7,347,100	1,011,470	341,600	45,775
SHRIMP:						
BAY	103,200	40,761	-	-	-	-
OCEAN	-	-	2,942,600	271,877	-	-
CLAMS:						
HARD: 2/						
BUTTER	93,600	23,319	-	-	-	-
LITTLE NECK	267,100	112,166	-	-	-	-
MANILA	105,800	46,550	42,700	16,215	-	-
RAZOR 3/	-	-	422,100	154,082	-	-
TOTAL CLAMS	466,500	182,035	464,800	170,297	-	-
OCTOPUS	86,900	11,307	300	34	-	-
OYSTERS, MARKET:						
PACIFIC 4/	4,038,400	729,092	6,018,800	1,069,447	-	-
WESTERN 5/	41,500	97,035	-	-	-	-
TOTAL OYSTERS	4,079,900	826,127	6,018,800	1,069,447	-	-
SQUID	41,400	3,313	-	-	-	-
TOTAL SHELLFISH	5,346,300	1,140,274	16,773,600	2,523,125	341,600	45,775
GRAND TOTAL	124,348,700	16,183,781	25,213,800	4,306,335	5,623,400	1,038,589

1/ BASED ON AN AVERAGE YIELD OF 22 POUNDS PER DOZEN IN THE PUGET SOUND DISTRICT AND 24 POUNDS PER DOZEN IN THE COASTAL AND COLUMBIA RIVER DISTRICTS.
2/ BASED ON A YIELD OF 25 PERCENT MEATS.
3/ BASED ON A YIELD OF 42 PERCENT MEATS.
4/ BASED ON A YIELD OF 10 PERCENT MEATS IN THE PUGET SOUND DISTRICT AND 12 PERCENT MEATS IN THE COASTAL DISTRICT.
5/ BASED ON A YIELD OF 18 PERCENT MEATS.

PACIFIC COAST STATES FISHERIES

PUGET SOUND DISTRICT OF WASHINGTON

OPERATING UNITS, 1959

ITEM	HAUL SEINES 1/	PURSE SEINES		BEAM TRAWLS	OTTER TRAWLS, FISH	BRUSH WEIRS	POUND NETS 2/
		HERRING	SALMON				
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS	16	73	2,475	3	460	-	-
ON BOATS AND SHORE	190	-	16	4	3	6	8
TOTAL	206	73	2,491	7	463	6	8
VESSELS, MOTOR	5	10	364	1	123	-	-
NET TONNAGE	52	259	9,229	10	4,088	-	-
BOATS:							
MOTOR	59	-	4	2	1	1	2
OTHER	25	-	4	-	-	-	-
ACCESSORY BOATS	-	10	364	-	-	-	-
GEAR:							
NUMBER	94	10	368	3	124	1	2
LENGTH, YARDS	6,600	4,200	197,000	-	-	-	-
YARDS AT MOUTH	-	-	-	18	2,700	-	-

ITEM	POTS			GILL NETS		
	CRAB	OCTOPUS	SHRIMP	DRIFT, SALMON 3/	SET	
					SALMON 2/	SHARK
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS	35	2	-	271	-	5
ON BOATS AND SHORE	63	4	12	780	92	18
TOTAL	98	6	12	1,051	92	23
VESSELS, MOTOR	16	1	-	229	-	4
NET TONNAGE	139	9	-	1,994	-	34
BOATS:						
MOTOR	41	2	10	707	50	16
OTHER	2	-	-	20	42	-
GEAR:						
NUMBER	4,700	100	250	956	92	20
SQUARE YARDS	-	-	-	5,208,000	23,000	22,500

ITEM	LINES				DIP NETS	REEF NETS
	HAND	TROLL		LONG OR SET		
		SALMON	ALBACORE			
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS	12	655	90	803	16	-
ON BOATS AND SHORE	18	500	2	8	33	416
TOTAL	30	1,155	92	811	49	416
VESSELS, MOTOR	8	468	47	134	5	-
NET TONNAGE	70	5,079	609	4,032	40	-
BOATS:						
MOTOR	18	399	1	4	16	-
OTHER	-	-	-	-	-	208
GEAR:						
NUMBER	52	4,100	430	5,070	49	104
HOOKS	104	16,400	430	476,800	-	-

ITEM	DREDGES			SHOVELS	BY HAND, OYSTER	TOTAL, EXCLUSIVE OF DUPLICATION
	OYSTER		CLAM			
	COMMON	SUCTION				
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS	11	2	6	-	-	4,602
ON BOATS AND SHORE	16	-	-	214	185	2,473
TOTAL	27	2	6	214	185	7,075
VESSELS, MOTOR	4	1	2	-	-	1,210
NET TONNAGE	116	41	12	-	-	21,964
BOATS:						
MOTOR	6	-	-	-	45	1,279
OTHER	-	-	-	-	15	316
ACCESSORY BOATS	-	-	-	-	-	365
GEAR:						
NUMBER	20	1	2	214	-	-
YARDS AT MOUTH	40	-	2	-	-	-

1/ INCLUDES 25 HAUL SEINES OPERATED ON INDIAN RESERVATIONS.
2/ FISHED ONLY ON INDIAN RESERVATIONS.
3/ INCLUDES 80 GILL NETS OPERATED ON INDIAN RESERVATIONS.

PUGET SOUND DISTRICT OF WASHINGTON - CATCH BY GEAR, 1959

SPECIES	HAUL SEINES 1/		PURSE SEINES		BEAM TRAWLS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FLOUNDERS, "SOLE"	300	$21	-	-	-	-
HERRING, SEA	189,200	18,919	4,918,200	$56,471	-	-
LINGCOD	600	30	-	-	-	-
PERCH	115,300	13,927	-	-	-	-
ROCKFISHES	3,900	195	-	-	-	-
SALMON:						
CHINOOK OR KING	37,200	11,147	468,500	96,041	-	-
CHUM OR KETA	136,200	23,150	2,118,200	381,280	-	-
PINK	330,600	52,902	10,056,600	1,528,608	-	-
RED OR SOCKEYE	-	-	7,356,500	2,287,858	-	-
SILVER OR COHO	47,800	13,371	754,100	200,589	-	-
SHARKS, GRAYFISH 3/	8,800	95	-	-	-	-
SMELT, SURF OR SILVER	64,600	7,753	-	-	-	-
STEELHEAD TROUT 2/	3,700	768	-	-	-	-
SHRIMP, BAY	-	-	-	-	55,400	$21,634
OCTOPUS	300	42	-	-	-	-
SQUID	41,000	3,282	-	-	-	-
TOTAL	979,500	145,602	25,672,100	4,550,847	55,400	21,634

SPECIES	OTTER TRAWLS		BRUSH WEIRS		POUND NETS 2/	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
COD	12,924,400	$646,222	-	-	-	-
FLOUNDERS:						
"SOLE"	12,716,700	928,530	-	-	-	-
OTHER	876,200	43,812	-	-	-	-
HAKE	358,900	3,230	-	-	-	-
HERRING, SEA	-	-	273,200	$13,660	-	-
LINGCOD	4,454,400	222,719	-	-	-	-
OCEAN PERCH	5,840,000	291,998	-	-	-	-
PERCH	7,300	933	-	-	-	-
RATFISH	2,595,900	23,364	-	-	-	-
ROCKFISHES	6,044,000	302,202	-	-	-	-
SABLEFISH	1,252,700	77,836	-	-	-	-
SALMON:						
CHINOOK OR KING	-	-	-	-	74,300	$22,280
CHUM OR KETA	-	-	-	-	6,700	1,147
PINK	-	-	-	-	117,400	18,781
RED OR SOCKEYE	-	-	-	-	2,400	757
SILVER OR COHO	-	-	-	-	65,600	18,357
SHAD	100	5	-	-	-	-
SHARKS: 3/						
GRAYFISH	2,856,700	25,750	2,600	24	-	-
SOUPFIN	1,200	73	-	-	-	-
OTHER	3,300	30	-	-	-	-
SKATES	707,200	7,072	-	-	-	-
STURGEON	10,900	1,630	-	-	-	-
OCTOPUS	46,600	6,063	-	-	-	-
SQUID	400	31	-	-	-	-
TOTAL	50,696,900	2,581,500	275,800	13,684	266,400	61,322

SPECIES	POTS		GILL NETS					
			DRIFT		SET			
					SALMON 2/		SHARK	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
COD	-	-	100	$4	-	-	28,300	$1,415
HAKE	-	-	-	-	-	-	1,100	100
LINGCOD	-	-	800	38	-	-	7,200	358
RATFISH	-	-	-	-	-	-	700	6
ROCKFISHES	-	-	100	5	-	-	1,900	97
SALMON:								
CHINOOK OR KING	-	-	411,700	123,521	54,700	$16,395	-	-
CHUM OR KETA	-	-	1,522,300	299,242	512,300	87,093	-	-
PINK	-	-	1,607,600	244,362	33,600	5,370	-	-
RED OR SOCKEYE	-	-	1,405,600	436,167	-	-	-	-
SILVER OR COHO	-	-	1,310,500	366,928	101,300	28,360	-	-
SHAD	-	-	200	11	-	-	-	-
SHARKS: 3/								
GRAYFISH	-	-	84,900	880	-	-	128,200	1,325
OTHER	-	-	1,000	9	-	-	-	-
STEELHEAD TROUT 2/	-	-	3,400	708	44,000	9,236	-	-
STURGEON	-	-	200	28	-	-	-	-
CRABS, DUNGENESS 4/	568,400	$76,731	-	-	-	-	-	-
SHRIMP, BAY	47,800	19,127	-	-	-	-	-	-
OCTOPUS	37,100	4,828	-	-	-	-	300	40
TOTAL	653,300	100,686	6,348,400	1,471,903	745,900	146,454	167,700	3,341

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

PUGET SOUND DISTRICT OF WASHINGTON
CATCH BY GEAR, 1959 - Continued

SPECIES	LINES					
	HAND		TROLL		LONG OR SET	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
COD	600	$30	400	$22	-	-
FLOUNDERS, "SOLE"	-	-	-	-	900	$84
HALIBUT	42,100	5,381	500,300	63,945	22,794,400	3,739,387
LINGCOD	33,300	2,795	699,700	29,376	76,500	3,423
ROCKFISHES	6,100	212	50,200	1,600	129,900	4,540
SABLEFISH	-	-	1,100	66	2,978,100	372,526
SALMON:						
CHINOOK OR KING	-	-	1,877,400	722,078	-	-
CHUM OR KETA	-	-	2,000	376	-	-
PINK	-	-	860,000	150,678	-	-
RED OR SOCKEYE	-	-	25,600	7,991	-	-
SILVER OR COHO	-	-	1,742,600	498,951	-	-
SHARKS: 3/						
GRAYFISH	-	-	-	-	10,700	115
SOUPFIN	-	-	-	-	700	42
OTHER	-	-	-	-	500	10
TUNA, ALBACORE	-	-	364,100	64,454	-	-
OCTOPUS	600	74	2,000	260	-	-
TOTAL	82,700	8,492	6,125,400	1,539,797	25,991,700	4,120,127

SPECIES	DIP NETS		REEF NETS	
	POUNDS	VALUE	POUNDS	VALUE
HERRING, SEA	156,000	$23,395	-	-
SALMON:				
CHINOOK OR KING	-	-	47,100	$9,659
CHUM OR KETA	-	-	44,800	8,055
PINK	-	-	577,500	87,787
RED OR SOCKEYE	-	-	852,500	264,527
SILVER OR COHO	-	-	63,200	16,807
TOTAL	156,000	23,395	1,585,100	386,835

SPECIES	DREDGES AND BY HAND		SHOVELS	
	POUNDS	VALUE	POUNDS	VALUE
CLAMS, HARD: 5/				
BUTTER	43,200	$11,233	50,400	$12,086
LITTLENECK	48,500	20,361	218,600	91,805
MANILA	-	-	105,800	46,550
OYSTERS, MARKET: 6/				
PACIFIC	4,038,400	729,092	-	-
WESTERN	41,500	97,035	-	-
TOTAL	4,171,600	857,721	374,800	150,441

1/ THE SALMON CAUGHT BY HAUL SEINES WERE TAKEN ON INDIAN RESERVATIONS.

2/ FISHED ONLY ON INDIAN RESERVATIONS.

3/ THE POUNDAGE SHOWN INCLUDES THE TOTAL VOLUME OF SHARKS CAUGHT. SOME OF THE CARCASSES WERE DISCARDED AT SEA.

4/ BASED ON AN AVERAGE OF 22 POUNDS PER DOZEN.

5/ BASED ON A YIELD OF 25 PERCENT MEATS.

6/ BASED ON A YIELD OF 10 PERCENT MEATS FOR PACIFIC OYSTERS AND 18 PERCENT FOR WESTERN OR NATIVE OYSTERS.

NOTE:--THE POUNDAGE AND VALUE OF THE CATCH SHOWN ABOVE INCLUDE THE FOLLOWING ITEMS: HALIBUT LIVERS, 32,472 POUNDS, VALUE $6,819; LINGCOD LIVERS, 2,217 POUNDS, VALUE $222; RATFISH LIVERS, 6,845 POUNDS, VALUE $685; SABLEFISH LIVERS, 2,125 POUNDS, VALUE $372; GRAYFISH LIVERS, 27,554 POUNDS, VALUE $2,475; SOUPFIN SHARK LIVERS, 228 POUNDS, VALUE $115; AND OTHER SHARK LIVERS, 65 POUNDS, VALUED AT $10.

COASTAL DISTRICT OF WASHINGTON - OPERATING UNITS, 1959

ITEM	HAUL SEINES	OTTER TRAWLS		POTS, CRAB
		FISH	SHRIMP	
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:				
ON VESSELS	-	11	47	145
ON BOATS AND SHORE	40	-	-	42
TOTAL	40	11	47	187
VESSELS, MOTOR	-	3	14	58
NET TONNAGE	-	87	451	771
BOATS:				
MOTOR	13	-	-	23
OTHER	3	-	-	-
GEAR:				
NUMBER	13	3	14	14,300
LENGTH, YARDS	1,300	-	-	-
YARDS AT MOUTH	-	65	290	-

ITEM	GILL NETS		LINES, TROLL	
	DRIFT	SET 1/	SALMON	ALBACORE
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:				
ON VESSELS	11	-	444	330
ON BOATS AND SHORE	283	185	162	17
TOTAL	294	185	606	347
VESSELS, MOTOR	9	-	317	177
NET TONNAGE	70	-	3,192	2,265
BOATS:				
MOTOR	260	160	130	13
OTHER	12	20	-	-
GEAR:				
NUMBER	281	180	2,250	1,650
SQUARE YARDS	560,000	40,000	-	-
HOOKS	-	-	9,000	1,650

ITEM	DIP NETS 2/	DREDGES, OYSTER	
		COMMON	SUCTION
	NUMBER	NUMBER	NUMBER
FISHERMEN:			
ON VESSELS	-	84	2
ON BOATS AND SHORE	21	16	-
TOTAL	21	100	2
VESSELS, MOTOR	-	28	1
NET TONNAGE	-	440	45
BOATS:			
MOTOR	14	8	-
OTHER	3	-	-
GEAR:			
NUMBER	21	72	1
YARDS AT MOUTH	-	144	-

ITEM	SHOVELS, CLAM	BY HAND, OYSTER	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER
FISHERMEN:			
ON VESSELS	-	-	897
ON BOATS AND SHORE	2,030	165	2,921
TOTAL	2,030	165	3,818
VESSELS, MOTOR	-	-	444
NET TONNAGE	-	-	5,401
BOATS:			
MOTOR	-	40	626
OTHER	-	65	103
GEAR, NUMBER	2,030	-	-

1/ OPERATED ON INDIAN RESERVATIONS.

2/ INCLUDES 20 DIP NETS OPERATED ON INDIAN RESERVATIONS.

COASTAL DISTRICT OF WASHINGTON - CATCH BY GEAR, 1959

SPECIES	HAUL SEINES		OTTER TRAWLS		POTS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
COD	-	-	7,500	$378	-	-
FLOUNDERS:						
"SOLE"	-	-	65,100	4,373	-	-
OTHER	-	-	4,000	158	-	-
LINGCOD	-	-	47,800	2,240	-	-
PERCH	4,200	$354	-	-	-	-
ROCKFISHES	-	-	166,300	7,481	-	-
SABLEFISH	-	-	26,300	1,687	-	-
SMELT, SURF OR SILVER	453,000	29,900	-	-	-	-
STURGEON	100	12	-	-	-	-
CRABS, DUNGENESS 2/	-	-	-	-	7,347,100	$1,011,470
SHRIMP, OCEAN	-	-	2,942,600	271,877	-	-
OCTOPUS	-	-	300	34	-	-
TOTAL	457,300	30,266	3,259,900	288,228	7,347,100	1,011,470

SPECIES	GILL NETS				LINES, TROLL	
	DRIFT		SET 1/			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
COD	-	-	-	-	100	$5
FLOUNDERS, OTHER	-	-	1,600	$51	-	-
HALIBUT	-	-	-	-	70,200	8,709
LINGCOD	-	-	-	-	90,400	3,766
PERCH	-	-	-	-	4,400	393
ROCKFISHES	-	-	-	-	184,800	4,621
SALMON:						
CHINOOK OR KING	233,400	$69,820	215,800	62,573	690,600	255,527
CHUM OR KETA	1,631,800	279,397	179,400	26,006	400	74
PINK	-	-	-	-	102,500	16,702
RED OR SOCKEYE	-	-	111,100	45,570	-	-
SILVER OR COHO	209,800	63,529	353,200	102,438	1,551,300	425,046
SEA BASS, WHITE	2,600	220	-	-	200	17
SHAD	-	-	1,500	90	-	-
STEELHEAD TROUT	-	-	97,600	20,497	-	-
STURGEON	123,000	9,983	200	13	-	-
TUNA, ALBACORE	-	-	-	-	1,791,600	340,400
TOTAL	2,200,600	422,949	960,400	257,238	4,486,500	1,055,260

SPECIES	DIP NETS		DREDGES AND BY HAND		SHOVELS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
SMELT, SURF OR SILVER	18,400	$1,180	-	-	-	-
CLAMS:						
MANILA 3/	-	-	-	-	42,700	$16,215
RAZOR 4/	-	-	-	-	422,100	154,082
OYSTERS, MARKET, PACIFIC 5/	-	-	6,018,800	$1,069,447	-	-
TOTAL	18,400	1,180	6,018,800	1,069,447	464,800	170,297

1/ FISHED ONLY ON INDIAN RESERVATIONS.
2/ BASED ON AN AVERAGE OF 24 POUNDS PER DOZEN.
3/ BASED ON A YIELD OF 25 PERCENT MEATS.
4/ BASED ON A YIELD OF 42 PERCENT EDIBLE MEATS.
5/ BASED ON A YIELD OF 12 PERCENT MEATS.

NOTE:--A TOTAL OF 869 POUNDS OF LINGCOD LIVERS VALUED AT $87 IS INCLUDED IN THE ABOVE CATCH AND VALUE.

COLUMBIA RIVER DISTRICT OF WASHINGTON - OPERATING UNITS, 1959

ITEM	HAUL SEINES	POUND NETS 1/	POTS, CRAB	GILL NETS	
				DRIFT	
				SALMON	SMELT
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS	-	-	35	-	-
ON BOATS AND SHORE	8	4	2	240	8
TOTAL	8	4	37	240	8
VESSELS, MOTOR	-	-	15	-	-
NET TONNAGE	-	-	145	-	-
BOATS, MOTOR	4	1	1	229	8
GEAR:					
NUMBER	4	1	2,500	229	8
LENGTH, YARDS	400	-	-	-	-
SQUARE YARDS	-	-	-	698,400	7,000

ITEM	GILL NETS-CONTINUED	LINES, TROLL		DIP NETS 3/	TOTAL, EXCLUSIVE OF DUPLICATION
	SET 2/	SALMON	ALBACORE		
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS	-	87	84	-	138
ON BOATS AND SHORE	26	155	23	181	568
TOTAL	26	242	107	181	706
VESSELS, MOTOR	-	62	46	-	82
NET TONNAGE	-	496	410	-	712
BOATS:					
MOTOR	20	126	17	33	373
OTHER	4	-	-	-	4
GEAR:					
NUMBER	24	810	515	181	-
SQUARE YARDS	5,400	-	-	-	-
HOOKS	-	3,300	515	-	-

1/ OPERATED BY FEDERAL FISH HATCHERY.
2/ OPERATED ON INDIAN RESERVATIONS.
3/ INCLUDES 86 DIP NETS OPERATED BY INDIANS.

COLUMBIA RIVER DISTRICT OF WASHINGTON - CATCH BY GEAR, 1959

SPECIES	HAUL SEINES		POUND NETS 1/		POTS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CARP	282,300	$5,647	-	-	-	-
SALMON:						
CHINOOK OR KING	-	-	157,100	$15,710	-	-
SILVER OR COHO	-	-	300	28	-	-
SUCKERS	40,000	681	-	-	-	-
CRABS, DUNGENESS 3/	-	-	-	-	341,600	$45,775
TOTAL	322,300	6,328	157,400	15,738	341,600	45,775

SPECIES	GILL NETS				LINES, TROLL		DIP NETS	
	DRIFT		SET 2/					
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FLOUNDERS	5,300	$85	-	-	-	-	-	-
HALIBUT	-	-	-	-	1,400	$164	-	-
LINGCOD	-	-	-	-	7,000	300	-	-
ROCKFISHES	200	5	-	-	79,600	1,989	-	-
SALMON:								
CHINOOK OR KING	1,437,400	461,420	-	-	103,800	38,155	75,100	$22,530
CHUM OR KETA	15,800	1,893	-	-	-	-	-	-
PINK	-	-	-	-	300	43	-	-
RED OR SOCKEYE	161,000	53,138	9,500	$3,129	-	-	2,300	747
SILVER OR COHO	29,100	7,119	-	-	410,900	108,157	1,500	365
SHAD	54,600	4,899	-	-	-	-	-	-
SMELT, EULACHON	297,200	26,447	-	-	-	-	996,100	29,882
STEELHEAD TROUT	164,600	34,562	-	-	-	-	3,400	704
STURGEON	140,900	14,815	-	-	-	-	-	-
TUNA, ALBACORE	-	-	-	-	805,100	160,200	-	-
TOTAL	2,306,100	604,383	9,500	3,129	1,408,100	309,008	1,078,400	54,228

1/ OPERATED BY FEDERAL FISH HATCHERY. CATCH REPRESENTS SPAWNED SALMON UTILIZED BY CANNERIES.
2/ FISHED ONLY ON INDIAN RESERVATIONS.
3/ BASED ON AN AVERAGE OF 24 POUNDS PER DOZEN.

NOTE:--THE FOLLOWING SPECIES LANDED IN THE COLUMBIA RIVER DISTRICT WERE CAUGHT OFF THE COAST: HALIBUT, LINGCOD, ROCKFISHES, TUNA, CRABS, AND MOST OF THE TROLL-CAUGHT SALMON.

PACIFIC COAST STATES FISHERIES

OREGON

CATCH BY DISTRICTS, 1959

SPECIES	COLUMBIA RIVER		COASTAL	
FISH	POUNDS	VALUE	POUNDS	VALUE
COD	358,700	$16,143	-	-
FLOUNDERS:				
"SOLE"	7,711,600	432,647	5,635,000	$267,705
OTHER	725,000	24,640	2,600	115
HAKE	-	-	11,200	334
HALIBUT	183,400	28,129	139,800	18,394
HERRING, SEA	-	-	4,500	450
LINGCOD	278,900	12,662	142,500	6,007
OCEAN PERCH	967,800	43,552	922,600	41,519
PERCH	-	-	100	10
ROCKFISHES	3,406,800	137,123	2,541,800	95,287
SABLEFISH	148,400	14,132	138,200	15,342
SALMON:				
CHINOOK OR KING	3,171,900	1,021,783	478,100	177,008
CHUM OR KETA	27,200	2,986	68,800	7,221
PINK	1,200	182	5,400	793
RED OR SOCKEYE	473,100	156,125	-	-
SILVER OR COHO	320,900	83,599	782,700	207,070
TOTAL SALMON	3,994,300	1,264,675	1,335,000	392,092
SHAD	77,000	6,542	252,800	24,267
SHARKS, GRAYFISH	63,600	794	-	-
SMELT:				
EULACHON	462,900	61,561	-	-
SILVER	-	-	300	27
STEELHEAD TROUT	505,500	104,655	600	117
STRIPED BASS	-	-	20,300	2,030
STURGEON	261,800	26,555	800	41
TUNA:				
ALBACORE	6,509,500	1,249,831	4,072,400	733,034
BLUEFIN	100	15	-	-
SKIPJACK	1,300	157	100	12
TOTAL TUNA	6,510,900	1,250,003	4,072,500	733,046
TOTAL FISH	25,656,600	3,423,813	15,220,600	1,596,783
SHELLFISH				
CRABS, DUNGENESS 1/	2,272,300	304,482	5,156,900	691,021
CRAWFISH, FRESH-WATER	23,900	7,519	-	-
SHRIMP, OCEAN	2,333,100	209,975	401,100	36,102
CLAMS:				
RAZOR 2/	-	-	18,700	6,682
MIXED 3/	-	-	15,700	5,223
TOTAL CLAMS	-	-	34,400	11,905
OYSTERS, MARKET, PACIFIC 4/	-	-	619,600	114,624
TOTAL SHELLFISH	4,629,300	521,976	6,212,000	853,652
GRAND TOTAL	30,285,900	3,945,789	21,432,600	2,450,435

1/ BASED ON AN AVERAGE OF 25 POUNDS PER DOZEN.
2/ BASED ON A YIELD OF 42 PERCENT MEATS.
3/ PRINCIPALLY SOFT CLAMS. BASED ON A YIELD OF 21 PERCENT MEATS.
4/ BASED ON A YIELD OF 12 PERCENT MEATS.

COLUMBIA RIVER DISTRICT OF OREGON - OPERATING UNITS, 1959

ITEM	OTTER TRAWLS		POTS		GILL NETS, DRIFT	
	FISH	SHRIMP	CRAB	CRAWFISH	SALMON	SMELT
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS.	130	53	85	-	2	-
ON BOATS AND SHORE. . . .	-	-	26	16	690	75
TOTAL.	130	53	111	16	692	75
VESSELS, MOTOR.	35	15	34	-	1	-
NET TONNAGE	1,215	558	351	-	7	-
BOATS:						
MOTOR	-	-	16	12	629	75
OTHER	-	-	-	2	-	-
GEAR:						
NUMBER.	35	15	8,700	650	630	75
SQUARE YARDS.	-	-	-	-	1,921,000	67,500
YARDS AT MOUTH.	770	315	-	-	-	-

ITEM	LINES					DIP NETS 1/	TOTAL, EXCLUSIVE OF DUPLICATION
	HAND, TUNA	TROLL		LONG OR SET			
		SALMON	ALBACORE	HALIBUT	STURGEON		
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS.	8	91	720	12	-	-	881
ON BOATS AND SHORE. . . .	-	54	31	-	10	31	818
TOTAL.	8	145	751	12	10	31	1,699
VESSELS, MOTOR.	1	61	315	3	-	-	357
NET TONNAGE	82	601	5,495	38	-	-	6,520
BOATS:							
MOTOR	-	45	24	-	10	-	700
OTHER	-	-	-	-	-	-	2
ACCESSORY BOATS	1	-	-	-	-	-	1
GEAR:							
NUMBER.	8	510	2,975	70	12	31	-
HOOKS	8	2,050	2,975	6,600	1,200	-	-

1/ INCLUDES 20 DIP NETS OPERATED BY INDIANS.

COLUMBIA RIVER DISTRICT OF OREGON - CATCH BY GEAR, 1959

SPECIES	OTTER TRAWLS		POTS		GILL NETS, DRIFT	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
COD	358,700	$16,143	-	-	-	-
FLOUNDERS:						
"SOLE".	7,711,600	432,647	-	-	-	-
OTHER	637,500	23,327	-	-	87,500	$1,313
LINGCOD	270,100	12,300	-	-	-	-
OCEAN PERCH	967,800	43,552	-	-	-	-
ROCKFISHES.	3,397,500	136,803	-	-	100	3
SABLEFISH	115,500	10,336	-	-	-	-
SALMON:						
CHINOOK OR KING	-	-	-	-	3,081,400	989,139
CHUM OR KETA.	-	-	-	-	27,200	2,986
RED OR SOCKEYE.	-	-	-	-	472,100	155,801
SILVER OR COHO.	-	-	-	-	90,300	21,572
SHAD.	-	-	-	-	77,000	6,542
SHARKS, GRAYFISH.	63,600	794	-	-	-	-
SMELT, EULACHON	-	-	-	-	462,900	61,561
STEELHEAD TROUT	-	-	-	-	504,100	104,358
STURGEON.	7,100	687	-	-	222,300	20,364
CRABS, DUNGENESS.	-	-	2,272,300	$304,482	-	-
CRAWFISH, FRESH-WATER . . .	-	-	23,900	7,519	-	-
SHRIMP, OCEAN	2,333,100	209,975	-	-	-	-
TOTAL.	15,862,500	886,564	2,296,200	312,001	5,024,900	1,363,639

SEE NOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

PACIFIC COAST STATES FISHERIES

COLUMBIA RIVER DISTRICT OF OREGON

CATCH BY GEAR, 1959 - Continued

SPECIES	LINES				DIP NETS	
	HAND AND TROLL		LONG OR SET			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
HALIBUT	100	$17	183,300	$28,112	-	-
LINGCOD	900	32	7,900	330	-	-
ROCKFISHES	1,000	30	8,200	287	-	-
SABLEFISH	-	-	32,900	3,796	-	-
SALMON:						
CHINOOK OR KING	74,300	27,784	-	-	16,200	$4,860
PINK	1,200	182	-	-	-	-
RED OR SOCKEYE	-	-	-	-	1,000	324
SILVER OR COHO	230,600	62,027	-	-	-	-
STEELHEAD TROUT	-	-	-	-	1,400	297
STURGEON	-	-	32,400	5,504	-	-
TUNA:						
ALBACORE	6,509,500	1,249,831	-	-	-	-
BLUEFIN	100	15	-	-	-	-
SKIPJACK	1,300	157	-	-	-	-
TOTAL	6,819,000	1,340,075	264,700	38,029	18,600	5,481

NOTE:--THE FOLLOWING SPECIES LANDED IN THE COLUMBIA RIVER DISTRICT WERE CAUGHT OFF THE COAST: COD, "SOLE", HALIBUT, LINGCOD, OCEAN PERCH, ROCKFISHES, SABLEFISH, SHARKS, TUNA, CRABS, SHRIMP, A PORTION OF THE STURGEON AND MOST OF THE FLOUNDERS AND TROLL-CAUGHT SALMON.

COASTAL DISTRICT OF OREGON - OPERATING UNITS, 1959

ITEM	HAUL SEINES	OTTER TRAWLS		POTS, CRAB	GILL NETS, SALMON	
		FISH	SHRIMP		DRIFT	SET
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS	-	85	26	186	-	-
ON BOATS AND SHORE	13	-	2	91	73	60
TOTAL	13	85	28	277	73	60
VESSELS, MOTOR	-	24	8	74	-	-
NET TONNAGE	-	640	129	989	-	-
BOATS:						
MOTOR	5	-	1	65	69	54
OTHER	3	-	-	-	-	2
GEAR:						
NUMBER	5	24	9	19,900	69	169
LENGTH, YARDS	500	-	-	-	-	-
SQUARE YARDS	-	-	-	-	138,000	67,000
YARDS AT MOUTH	-	530	175	-	-	-

ITEM	LINES			DREDGES, OYSTER, COMMON	SHOVELS	BY HAND, OYSTER	TOTAL, EXCLUSIVE OF DUPLICATION
	TROLL		LONG OR SET				
	SALMON	ALBACORE					
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS	367	609	11	3	-	-	896
ON BOATS AND SHORE	310	35	-	4	347	35	880
TOTAL	677	644	11	7	347	35	1,776
VESSELS, MOTOR	245	290	3	1	-	-	419
NET TONNAGE	2,416	4,279	29	15	-	-	5,773
BOATS:							
MOTOR	259	28	-	2	-	-	440
OTHER	-	-	-	-	-	-	5
GEAR:							
NUMBER	2,380	2,780	45	6	347	-	-
YARDS AT MOUTH	-	-	-	12	-	-	-
HOOKS	9,200	2,780	4,230	-	-	-	-

COASTAL DISTRICT OF OREGON - CATCH BY GEAR, 1959

SPECIES	HAUL SEINES		OTTER TRAWLS	
	POUNDS	VALUE	POUNDS	VALUE
FLOUNDERS:				
"SOLE"	-	-	5,633,300	$267,555
OTHER	-	-	2,600	115
HAKE	-	-	11,200	334
HERRING, SEA	4,500	$450	-	-
LINGCOD	-	-	95,300	4,288
OCEAN PERCH	-	-	922,600	41,519
PERCH	100	10	-	-
ROCKFISHES	-	-	2,512,900	94,341
SABLEFISH	-	-	4,000	331
SMELT, SURF OR SILVER	300	27	-	-
STURGEON	-	-	800	41
SHRIMP, OCEAN	-	-	401,100	36,102
TOTAL	4,900	487	9,583,800	444,626

SPECIES	POTS		GILL NETS	
	POUNDS	VALUE	POUNDS	VALUE
SALMON:				
CHINOOK OR KING	-	-	28,500	$8,848
CHUM OR KETA	-	-	68,800	7,221
SILVER OR COHO	-	-	9,900	2,276
SHAD	-	-	252,800	24,267
STEELHEAD TROUT	-	-	600	117
STRIPED BASS	-	-	20,300	2,030
CRABS, DUNGENESS	5,156,900	$691,021	-	-
TOTAL	5,156,900	691,021	380,900	44,759

SPECIES	LINES			
	TROLL		LONG OR SET	
	POUNDS	VALUE	POUNDS	VALUE
FLOUNDERS, "SOLE"	400	$32	1,300	$118
HALIBUT	44,900	5,062	94,900	13,332
LINGCOD	37,600	1,314	9,600	405
ROCKFISHES	13,100	392	15,800	554
SABLEFISH	-	-	134,200	15,011
SALMON:				
CHINOOK OR KING	449,600	168,160	-	-
PINK	5,400	793	-	-
SILVER OR COHO	772,800	204,794	-	-
TUNA:				
ALBACORE	4,072,400	733,034	-	-
SKIPJACK	100	12	-	-
TOTAL	5,396,300	1,113,593	255,800	29,420

SPECIES	DREDGES AND BY HAND		SHOVELS	
	POUNDS	VALUE	POUNDS	VALUE
CLAMS:				
RAZOR	-	-	18,700	$6,682
MIXED	-	-	15,700	5,223
OYSTERS, MARKET, PACIFIC	619,600	$114,624	-	-
TOTAL	619,600	114,624	34,400	11,905

PACIFIC COAST STATES FISHERIES

CALIFORNIA

CATCH BY DISTRICTS, 1959

SPECIES	NORTHERN		SAN FRANCISCO		MONTEREY	
FISH	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ANCHOVIES	-	-	30,000	$897	372,800	$12,935
BONITO	-	-	-	-	15,500	737
CABEZONE	-	-	200	21	8,000	258
CARP	-	-	466,700	21,752	-	-
FLOUNDERS:						
ARROWTOOTH HALIBUT	735,700	$16,554	51,500	1,979	-	-
CALIFORNIA HALIBUT	-	-	34,300	6,946	9,200	2,033
SAND DABS	171,400	10,541	173,300	9,361	115,900	6,569
"SOLE":						
DOVER	6,510,300	353,508	800,500	39,786	2,400	113
ENGLISH	3,113,000	218,532	985,500	61,005	200,900	12,755
PETRALE	1,017,000	111,567	767,400	82,114	90,300	9,079
REX	812,300	48,005	532,200	29,855	41,100	2,098
SAND	4,500	449	59,500	5,155	-	-
UNCLASSIFIED	8,400	349	100	6	9,800	928
OTHER	794,500	38,057	234,700	11,524	12,100	833
HAKE	1,056,100	21,122	22,200	334	18,700	157
HALIBUT	8,300	1,789	-	-	-	-
HARDHEAD	-	-	52,700	12,977	-	-
HERRING, SEA	7,600	199	1,379,200	12,137	340,100	21,733
KING CROAKER	-	-	2,900	197	89,300	8,479
LINGCOD	710,100	49,567	434,700	26,863	162,600	14,403
MACKEREL:						
JACK	-	-	1,400	66	10,906,400	255,210
PACIFIC	-	-	-	-	2,307,200	51,220
PERCH	109,200	16,055	38,700	5,147	10,700	1,136
POMPANO	-	-	-	-	17,500	7,319
ROCKFISHES	3,333,700	131,317	4,922,400	206,392	4,698,000	216,583
SABLEFISH	1,157,700	73,744	699,000	22,438	68,000	2,093
SALMON:						
CHINOOK OR KING	1,685,300	686,449	4,170,500	1,978,504	245,400	111,366
SILVER OR COHO	166,700	63,346	412,500	156,750	24,300	9,234
TOTAL SALMON	1,852,000	749,795	4,583,000	2,135,254	269,700	120,600
SARDINE, PACIFIC	-	-	-	-	29,885,500	597,710
SEA BASS, WHITE	-	-	23,800	5,111	313,800	45,933
SHARKS	1,700	71	77,800	3,138	83,500	4,421
SKATES	81,600	18	129,100	1,381	25,400	362
SMELT	73,000	3,895	79,000	6,995	29,500	1,610
SPLITTAIL	-	-	1,100	303	-	-
SWORDFISH	-	-	400	136	-	-
TUNA:						
ALBACORE	4,591,600	729,602	3,631,700	620,866	2,292,700	404,897
SKIPJACK	200	11	1,300	169	400	43
TOTAL TUNA	4,591,800	729,613	3,633,000	621,035	2,293,100	404,940
TURBOT	15,700	1,519	104,600	4,205	400	16
WHITEBAIT	240,000	19,102	33,600	4,281	800	201
UNCLASSIFIED, FOR FOOD	1,800	61	1,700	43	700	16
TOTAL FISH	26,407,400	2,595,429	20,356,200	3,338,834	52,398,900	1,802,480
SHELLFISH						
CRABS, DUNGENESS	12,880,600	1,872,844	3,942,400	627,629	124,200	22,418
SHRIMP:						
BAY	-	-	35,000	5,455	-	-
OCEAN	1,770,700	176,713	-	-	-	-
TOTAL SHRIMP	1,770,700	176,713	35,000	5,455	-	-
ABALONE 1/	-	-	3,300	2,608	-	-
CLAMS, HARD 2/	1,100	659	-	-	-	-
OCTOPUS	600	14	700	31	200	27
OYSTERS, MARKET:						
EASTERN 3/	-	-	1,200	2,838	-	-
PACIFIC 4/	1,432,400	238,731	52,900	38,918	-	-
WESTERN 3/	800	55	300	616	-	-
TOTAL OYSTERS	1,433,200	238,786	54,400	42,372	-	-
SQUID	-	-	-	-	14,252,000	262,238
TOTAL SHELLFISH	16,086,200	2,289,016	4,035,800	678,095	14,376,400	284,683
WHALE PRODUCTS:						
MEAL	-	-	3,762,500	263,374	-	-
MEAT	-	-	3,722,300	346,622	-	-
OIL:						
SPERM	-	-	171,400	11,508	-	-
WHALE	-	-	3,738,600	253,398	-	-
TOTAL WHALE PRODUCTS	-	-	11,394,800	874,902	-	-
GRAND TOTAL	42,493,600	4,884,445	35,786,800	4,891,831	66,775,300	2,087,163

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

CALIFORNIA - CATCH BY DISTRICTS, 1959 - Continued

SPECIES	SANTA BARBARA		SAN PEDRO		SAN DIEGO	
FISH	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ANCHOVIES	809,800	$11,175	5,959,400	$75,088	1,800	$70
BARRACUDA	394,000	39,195	619,600	58,306	139,100	16,771
BONITO	123,900	5,326	2,860,000	110,964	12,300	533
CABEZONE	1,300	78	-	-	-	-
CABRILLA	-	-	4,400	685	300	44
FLOUNDERS:						
CALIFORNIA HALIBUT	178,900	40,696	60,800	14,509	71,000	15,375
SAND DABS	4,300	217	1,700	369	-	-
"SOLE":						
DOVER	14,200	671	-	-	-	-
ENGLISH	318,100	20,074	-	-	-	-
PETRALE	757,700	77,508	-	-	-	-
REX	57,500	3,163	-	-	-	-
SAND	31,800	3,150	-	-	-	-
UNCLASSIFIED	2,600	149	200	29	-	-
OTHER	5,700	312	-	-	-	-
FLYING FISH	-	-	29,900	7,012	-	-
GROUPERS	-	-	272,000	54,065	14,000	2,332
HALFMOON	-	-	3,600	848	-	-
HERRING, SEA	200	11	-	-	-	-
KING CROAKER	1,600	91	1,440,000	38,806	500	43
LINGCOD	98,100	6,751	600	64	200	17
MACKEREL:						
JACK	5,400,800	117,738	21,198,600	523,606	-	-
PACIFIC	1,242,200	27,327	33,987,200	876,869	65,600	2,852
OPALEYE	200	13	4,700	550	-	-
PERCH	54,100	12,057	100	12	-	-
POMPANO	-	-	18,200	2,925	-	-
ROCK BASS	-	-	200	36	-	-
ROCKFISHES	1,479,300	65,932	631,000	68,057	217,000	21,236
SABLEFISH	13,200	755	600	33	-	-
SALMON:						
CHINOOK OR KING	58,200	28,711	700	417	-	-
SILVER OR COHO	5,800	2,204	-	-	-	-
TOTAL SALMON	64,000	30,915	700	417	-	-
SARDINE, PACIFIC	5,525,800	137,039	38,953,600	740,118	2,000	78
SCULPIN	200	13	34,600	10,349	2,500	656
SEA BASS:						
BLACK	1,300	125	210,200	30,264	38,500	4,876
WHITE	556,400	86,689	1,800,300	233,676	729,100	92,017
SHARKS	90,700	7,417	204,200	22,332	144,300	13,087
SHEEPSHEAD	1,000	55	2,300	145	7,000	543
SIERRA	-	-	2,100	128	100	6
SKATES	3,800	211	900	103	-	-
SMELT	200	4	369,900	8,143	300	25
SWORDFISH	136,500	49,493	277,700	107,216	33,700	13,086
TUNA:						
ALBACORE	4,085,000	764,709	14,325,300	2,830,677	3,814,200	732,709
BLUEFIN	1,100	167	14,196,000	1,770,238	997,200	105,106
SKIPJACK	100	8	66,131,500	6,930,584	32,347,900	3,493,578
YELLOWFIN	-	-	86,040,000	11,159,390	22,329,800	2,909,577
TOTAL TUNA	4,086,200	764,884	180,692,800	22,690,889	59,489,100	7,240,970
TURBOT	8,500	424	-	-	-	-
WAHOO	-	-	13,800	4,784	200	53
YELLOWTAIL	38,300	1,752	144,000	12,727	49,000	4,227
UNCLASSIFIED, FOR FOOD	600	49	1,400	207	1,000	132
TOTAL FISH	21,503,000	1,511,459	289,801,300	25,694,331	61,018,600	7,429,029
SHELLFISH						
CRABS:						
DUNGENESS	315,000	53,399	-	-	-	-
ROCK	46,100	1,780	80,400	7,205	2,900	73
TOTAL CRABS	361,100	55,179	80,400	7,205	2,900	73
LOBSTERS, SPINY	113,900	62,633	236,300	145,677	156,000	98,132
SHRIMP, OCEAN	14,500	1,454	-	-	-	-
ABALONE [1]	542,500	339,683	266,500	114,301	100,100	40,637
CLAMS, HARD [2]	-	-	-	-	2,200	3,661
OCTOPUS	1,100	71	-	-	-	-
OYSTERS, MARKET, PACIFIC [4]	165,800	27,638	-	-	-	-
SQUID	19,000	380	5,357,300	78,217	24,700	891
TOTAL SHELLFISH	1,217,900	487,038	5,940,500	345,400	285,900	143,394
GRAND TOTAL	22,720,900	1,998,497	295,741,800	26,039,731	61,304,500	7,572,423

[1] BASED ON YIELDS OF 20 PERCENT MEATS. [2] BASED ON YIELDS OF 24 PERCENT MEATS. [3] BASED ON YIELDS OF 14 PERCENT MEATS. [4] BASED ON YIELDS OF 12 PERCENT MEATS.

CALIFORNIA - CATCH BY WATERS, 1959

SPECIES	OFF UNITED STATES		OFF LATIN AMERICA	
	POUNDS	VALUE	POUNDS	VALUE
ANCHOVIES	7,173,800	$100,165	-	-
BARRACUDA	1,110,500	110,052	42,200	$4,220
BONITO	3,003,100	117,216	8,600	344
CABEZONE	9,500	357	-	-
CABRILLA	-	-	4,700	729
CARP	466,700	21,752	-	-
FLOUNDERS:				
ARROWTOOTH HALIBUT	787,200	18,533	-	-
CALIFORNIA HALIBUT	354,200	79,559	-	-
SAND DABS	466,600	27,057	-	-
"SOLE":				
DOVER	7,327,400	394,078	-	-
ENGLISH	4,617,500	312,366	-	-
PETRALE	2,632,400	280,268	-	-
REX	1,443,100	83,121	-	-
SAND	95,800	8,754	-	-
UNCLASSIFIED	21,100	1,461	-	-
OTHER	1,047,000	50,726	-	-
FLYING FISH	29,900	7,012	-	-
GROUPERS	-	-	286,000	56,397
HAKE	1,097,000	21,613	-	-
HALFMOON	3,600	848	-	-
HALIBUT	8,300	1,789	-	-
HARDHEAD	52,700	12,977	-	-
HERRING, SEA	1,727,100	34,080	-	-
KING CROAKER	1,534,300	47,616	-	-
LINGCOD	1,406,300	97,665	-	-
MACKEREL:				
JACK	37,507,200	896,620	-	-
PACIFIC	37,602,200	958,268	-	-
OPALEYE	4,900	563	-	-
PERCH	212,800	34,407	-	-
POMPANO	35,700	10,244	-	-
ROCK BASS	-	-	200	36
ROCKFISHES	15,223,900	706,647	57,500	2,870
SABLEFISH	1,938,500	99,063	-	-
SALMON:				
CHINOOK OR KING	6,160,100	2,805,447	-	-
SILVER OR COHO	609,300	231,534	-	-
SARDINE, PACIFIC	74,366,900	1,474,945	-	-
SCULPIN	37,300	11,018	-	-
SEA BASS:				
BLACK	10,100	1,414	239,900	33,851
WHITE	3,385,800	458,226	37,600	5,200
SHARKS	587,100	49,250	15,100	1,216
SHEEPSHEAD	8,800	638	1,500	105
SIERRA	-	-	2,200	134
SKATES	240,800	2,075	-	-
SMELT	551,800	20,671	100	1
SPLITTAIL	1,100	303	-	-
SWORDFISH	448,100	169,923	200	8
TUNA:				
ALBACORE	32,740,500	6,083,460	-	-
BLUEFIN	13,025,000	1,608,687	2,169,300	266,824
SKIPJACK	1,381,000	140,025	97,100,400	10,284,368
YELLOWFIN	81,700	10,600	108,288,100	14,058,367
TURBOT	129,200	6,164	-	-
WAHOO	-	-	14,000	4,837
WHITEBAIT	274,400	23,584	-	-
YELLOWTAIL	207,200	16,766	24,100	1,940
UNCLASSIFIED, FOR FOOD	7,100	501	100	7
CRABS:				
DUNGENESS	17,262,200	2,576,290	-	-
ROCK	129,400	9,058	-	-
LOBSTERS, SPINY	506,100	306,383	100	59
SHRIMP:				
BAY	35,000	5,455	-	-
OCEAN	1,785,200	178,167	-	-
ABALONE	912,400	497,229	-	-
CLAMS, HARD	3,300	4,320	-	-
OCTOPUS	2,600	143	-	-
OYSTERS, MARKET:				
EASTERN	1,200	2,838	-	-
PACIFIC	1,651,100	305,287	-	-
WESTERN	1,100	671	-	-
SQUID	19,653,000	341,726	-	-
WHALE PRODUCTS:				
MEAL	3,762,500	263,374	-	-
MEAT	3,722,300	346,622	-	-
OIL:				
SPERM	171,400	11,508	-	-
WHALE	3,738,600	253,398	-	-
TOTAL	316,531,000	22,752,577	208,291,900	24,721,513

NORTHERN DISTRICT OF CALIFORNIA - OPERATING UNITS, 1959

ITEM	HAUL SEINES, COMMON	BEAM TRAWLS, SHRIMP	OTTER TRAWLS, FISH	POTS, CRAB
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:				
ON VESSELS.	2	36	128	330
ON BOATS AND SHORE. . .	10	-	-	88
TOTAL.	12	36	128	418
VESSELS, MOTOR.	1	12	32	132
NET TONNAGE	6	180	855	1,432
BOATS, MOTOR.	2	-	-	55
GEAR:				
NUMBER.	6	12	32	16,820
LENGTH, YARDS	300	-	-	-
YARDS AT MOUTH.	-	72	896	-

ITEM	LINES			DREDGES, OYSTER
	LONG OR SET	TROLL		
	ROCKFISH	ALBACORE	SALMON	
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:				
ON VESSELS.	5	722	780	9
ON BOATS AND SHORE. . .	14	56	309	-
TOTAL.	19	778	1,089	9
VESSELS, MOTOR.	3	321	331	2
NET TONNAGE	16	4,500	3,642	76
BOATS, MOTOR.	9	38	226	-
GEAR:				
NUMBER.	24	3,193	3,342	2
HOOKS	2,610	3,193	20,052	-
YARDS AT MOUTH.	-	-	-	4

ITEM	TONGS, OYSTER	SHOVELS, CLAM	BY HAND	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:				
ON VESSELS.	-	-	-	1,460
ON BOATS AND SHORE. . .	8	4	8	397
TOTAL.	8	4	8	1,857
VESSELS, MOTOR.	-	-	-	549
NET TONNAGE	-	-	-	7,401
BOATS, MOTOR.	8	2	-	257
GEAR, NUMBER.	8	4	-	-

NORTHERN DISTRICT OF CALIFORNIA - CATCH BY GEAR, 1959

SPECIES	HAUL SEINES		BEAM TRAWLS		OTTER TRAWLS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FLOUNDERS:						
ARROWTOOTH HALIBUT	-	-	-	-	735,700	$16,554
SAND DABS	-	-	-	-	171,400	10,541
"SOLE":						
DOVER	-	-	-	-	6,510,300	353,508
ENGLISH	-	-	-	-	3,113,000	218,532
PETRALE	-	-	-	-	1,017,000	111,567
REX	-	-	-	-	812,300	48,005
SAND	-	-	-	-	4,500	449
UNCLASSIFIED	-	-	-	-	8,400	349
OTHER	-	-	-	-	794,500	38,057
HAKE	-	-	-	-	1,056,100	21,122
HERRING, SEA	7,600	$199	-	-	-	-
LINGCOD	-	-	-	-	613,600	42,812
PERCH	90,000	13,230	-	-	-	-
ROCKFISHES	-	-	-	-	3,307,700	130,289
SABLEFISH	-	-	-	-	942,500	59,971
SHARKS	-	-	-	-	1,600	67
SKATES	-	-	-	-	80,700	17
SMELT	73,000	3,895	-	-	-	-
TURBOT	-	-	-	-	15,700	1,519
WHITEBAIT	240,000	19,102	-	-	-	-
UNCLASSIFIED, FOR FOOD	-	-	-	-	1,700	58
CRABS, DUNGENESS	-	-	-	-	22,300	3,234
SHRIMP, OCEAN	-	-	1,770,700	$176,713	-	-
OCTOPUS	-	-	-	-	600	14
TOTAL	410,600	36,426	1,770,700	176,713	19,209,600	1,056,665

SPECIES	POTS		LINES		DREDGES	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
HALIBUT	-	-	8,300	$1,789	-	-
LINGCOD	-	-	96,500	6,755	-	-
PERCH	-	-	19,200	2,825	-	-
ROCKFISHES	-	-	26,000	1,028	-	-
SABLEFISH	-	-	215,200	13,773	-	-
SALMON:						
CHINOOK OR KING	-	-	1,685,300	686,449	-	-
SILVER OR COHO	-	-	166,700	63,346	-	-
SHARKS	-	-	100	4	-	-
SKATES	-	-	900	1	-	-
TUNA:						
ALBACORE	-	-	4,591,600	729,602	-	-
SKIPJACK	-	-	200	11	-	-
UNCLASSIFIED, FOR FOOD	-	-	100	3	-	-
CRABS, DUNGENESS	12,858,300	$1,869,610	-	-	-	-
OYSTERS, PACIFIC	-	-	-	-	1,402,000	$233,654
TOTAL	12,858,300	1,869,610	6,810,100	1,505,586	1,402,000	233,654

SPECIES	TONGS AND BY HAND		SHOVELS	
	POUNDS	VALUE	POUNDS	VALUE
CLAMS, HARD	-	-	1,100	$659
OYSTERS:				
PACIFIC	30,400	$5,077	-	-
WESTERN	800	55	-	-
TOTAL	31,200	5,132	1,100	659

SAN FRANCISCO DISTRICT OF CALIFORNIA - OPERATING UNITS, 1959

ITEM	HAUL SEINES, COMMON	PURSE SEINES AND LAMPARA NETS	BEAM TRAWLS, SHRIMP	OTTER TRAWLS, FISH
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:				
ON VESSELS.	-	3	6	92
ON BOATS AND SHORE. . .	23	-	15	-
TOTAL.	23	3	21	92
VESSELS, MOTOR.	-	1	2	23
NET TONNAGE	-	8	16	475
BOATS, MOTOR.	7	-	5	-
GEAR:				
NUMBER.	11	1	7	23
LENGTH, YARDS	1,100	190	-	-
YARDS AT MOUTH.	-	-	42	644

ITEM	POTS AND TRAPS		LINES			
			HAND	LONG OR SET	TROLL	
	CRAB	FISH	ROCKFISH	ROCKFISH	ALBACORE	SALMON
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS.	282	-	-	10	592	906
ON BOATS AND SHORE. . .	128	2	17	9	30	490
TOTAL.	410	2	17	19	622	1,396
VESSELS, MOTOR.	135	-	-	5	239	393
NET TONNAGE	1,291	-	-	41	3,570	4,010
BOATS, MOTOR.	89	1	13	5	15	390
GEAR:						
NUMBER.	20,190	50	31	53	2,410	4,698
HOOKS	-	-	62	10,956	2,410	28,188

ITEM	HARPOONS, WHALE	DREDGES, OYSTER	TONGS, OYSTER	DIVING OUTFITS, ABALONE	BY HAND	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS.	26	-	-	-	-	1,306
ON BOATS AND SHORE. . .	-	2	6	2	6	621
TOTAL.	26	2	6	2	6	1,927
VESSELS, MOTOR.	5	-	-	-	-	565
NET TONNAGE	609	-	-	-	-	7,493
BOATS, MOTOR.	-	1	6	2	-	423
GEAR:						
NUMBER.	5	1	6	1	-	-
YARDS AT MOUTH.	-	2	-	-	-	-

NOTE:--INCLUDES OPERATING UNITS IN THE SACRAMENTO AREA CONSISTING OF FISH TRAPS AND HAUL SEINES.

SAN FRANCISCO DISTRICT OF CALIFORNIA - CATCH BY GEAR, 1959

SPECIES	HAUL SEINES		PURSE SEINES AND LAMPARA NETS		BEAM TRAWLS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ANCHOVIES	-	-	30,000	$897	-	-
CARP	381,700	$17,757	-	-	-	-
HARDHEAD	52,700	12,977	-	-	-	-
HERRING, SEA	479,200	4,037	900,000	8,100	-	-
KING CROAKER	-	-	700	18	-	-
MACKEREL, JACK	-	-	900	42	-	-
SMELT	21,000	1,848	58,000	5,147	-	-
WHITEBAIT	-	-	33,600	4,281	-	-
SHRIMP, BAY	-	-	-	-	35,000	$5,455
TOTAL	934,600	36,619	1,023,200	18,515	35,000	5,455

SPECIES	OTTER TRAWLS		POTS AND TRAPS		LINES	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CABEZONE	200	$21	-	-	-	-
CARP	-	-	85,000	$3,995	-	-
FLOUNDERS:						
ARROWTOOTH HALIBUT	51,500	1,979	-	-	-	-
CALIFORNIA HALIBUT	34,300	6,946	-	-	-	-
SAND DABS	173,300	9,361	-	-	-	-
"SOLE":						
DOVER	800,500	39,786	-	-	-	-
ENGLISH	985,500	61,005	-	-	-	-
PETRALE	767,400	82,114	-	-	-	-
REX	532,200	29,855	-	-	-	-
SAND	59,500	5,155	-	-	-	-
UNCLASSIFIED	100	6	-	-	-	-
OTHER	234,700	11,524	-	-	-	-
HAKE	22,200	334	-	-	-	-
KING CROAKER	2,200	149	-	-	-	-
LINGCOD	375,400	23,186	-	-	59,300	$3,677
MACKEREL, JACK	500	24	-	-	-	-
PERCH	200	27	-	-	38,500	5,120
ROCKFISHES	4,780,200	200,420	-	-	142,200	5,972
SABLEFISH	698,300	22,416	-	-	700	22
SALMON:						
CHINOOK OR KING	-	-	-	-	4,170,500	1,978,504
SILVER OR COHO	-	-	-	-	412,500	156,750
SEA BASS, WHITE	200	43	-	-	23,600	5,068
SHARKS	58,700	2,374	-	-	19,100	764
SKATES	129,100	1,381	-	-	-	-
SPLITTAIL	-	-	-	-	1,100	303
SWORDFISH	-	-	-	-	400	136
TUNA:						
ALBACORE	-	-	-	-	3,631,700	620,866
SKIPJACK	-	-	-	-	1,300	169
TURBOT	104,600	4,205	-	-	-	-
UNCLASSIFIED, FOR FOOD	1,300	33	-	-	400	10
CRABS, DUNGENESS	37,300	5,931	3,905,100	621,698	-	-
OCTOPUS	700	31	-	-	-	-
TOTAL	9,850,100	508,306	3,990,100	625,693	8,501,300	2,777,361

SPECIES	HARPOONS		DREDGES		TONGS AND BY HAND		ABALONE OUTFITS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ABALONE	-	-	-	-	-	-	3,300	$2,608
OYSTERS, MARKET:								
EASTERN	-	-	-	-	1,200	$2,838	-	-
PACIFIC	-	-	2,000	$1,472	50,900	37,446	-	-
WESTERN	-	-	-	-	300	616	-	-
WHALE PRODUCTS:								
MEAL	3,762,500	$263,374	-	-	-	-	-	-
MEAT	3,722,300	346,622	-	-	-	-	-	-
OIL:								
SPERM	171,400	11,508	-	-	-	-	-	-
WHALE	3,738,600	253,398	-	-	-	-	-	-
TOTAL	11,394,800	874,902	2,000	1,472	52,400	40,900	3,300	2,608

MONTEREY DISTRICT OF CALIFORNIA, OPERATING UNITS, 1959

ITEM	PURSE SEINES AND LAMPARA NETS			
	MACKEREL	SARDINE	SQUID	OTHER
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:				
ON VESSELS.	153	180	116	16
ON BOATS AND SHORE. . . .	18	18	18	12
TOTAL.	171	198	134	28
VESSELS, MOTOR.	40	34	25	4
NET TONNAGE	1,255	873	367	51
BOATS, MOTOR.	6	6	6	4
ACCESSORY BOATS	17	11	3	-
GEAR:				
NUMBER.	46	40	31	8
LENGTH, YARDS	18,020	12,420	8,400	2,080

ITEM	OTTER TRAWLS, FISH	POTS, CRAB	GILL NETS, DRIFT	LINES
				HAND
				ALBACORE
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:				
ON VESSELS.	40	7	6	24
ON BOATS AND SHORE. . . .	3	22	4	5
TOTAL.	43	29	10	29
VESSELS, MOTOR.	9	5	3	10
NET TONNAGE	190	43	22	111
BOATS, MOTOR.	1	18	2	3
GEAR:				
NUMBER.	10	1,325	5	29
HOOKS	-	-	-	29
SQUARE YARDS.	-	-	45,500	-
YARDS AT MOUTH.	280	-	-	-

ITEM	LINES - CONTINUED				DIP, BRAIL OR SCOOP NETS	TOTAL, EXCLUSIVE OF DUPLICATION
	HAND-CONT'D.	LONG OR SET	TROLL			
	ROCKFISHES	ROCKFISHES	ALBACORE	SALMON		
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS.	2	18	312	196	-	676
ON BOATS AND SHORE. . . .	30	68	68	240	6	336
TOTAL.	32	86	380	436	6	1,012
VESSELS, MOTOR.	1	9	149	100	-	234
NET TONNAGE	6	75	1,737	1,156	-	3,436
BOATS, MOTOR.	26	43	52	142	3	223
ACCESSORY BOATS	-	-	-	-	-	23
GEAR:						
NUMBER.	32	185	1,958	1,452	6	-
HOOKS	64	23,844	1,958	8,712	-	-

MONTEREY DISTRICT OF CALIFORNIA - CATCH BY GEAR, 1959

SPECIES	PURSE SEINES AND LAMPARA NETS		OTTER TRAWLS	
	POUNDS	VALUE	POUNDS	VALUE
ANCHOVIES	372,800	$12,935	-	-
BONITO	15,500	737	-	-
CABEZONE	-	-	2,000	$66
FLOUNDERS:				
CALIFORNIA HALIBUT	-	-	2,500	550
SAND DABS	-	-	99,200	5,617
"SOLE":				
DOVER	-	-	2,400	113
ENGLISH	-	-	200,900	12,755
PETRALE	-	-	90,300	9,079
REX	-	-	41,100	2,098
OTHER	-	-	9,100	626
HAKE	-	-	17,200	155
HERRING, SEA	340,100	21,733	-	-
KING CROAKER	88,900	8,441	400	38
LINGCOD	-	-	79,700	7,108
MACKEREL:				
JACK	10,863,500	254,223	900	21
PACIFIC	2,297,900	51,015	300	7
PERCH	-	-	3,400	360
POMPANO	17,400	7,270	100	49
ROCKFISHES	-	-	2,990,900	138,056
SABLEFISH	-	-	48,900	1,501
SARDINE, PACIFIC	29,885,500	597,710	-	-
SEA BASS, WHITE	-	-	900	131
SHARKS	-	-	25,900	1,373
SKATES	-	-	25,400	362
SMELT	29,500	1,610	-	-
TURBOT	-	-	400	16
WHITEBAIT	800	201	-	-
UNCLASSIFIED, FOR FOOD	-	-	700	16
CRABS, DUNGENESS	-	-	2,000	360
OCTOPUS	-	-	200	27
SQUID	14,252,000	262,238	-	-
TOTAL	58,163,900	1,218,113	3,644,800	180,484

SPECIES	POTS		GILL NETS, DRIFT	
	POUNDS	VALUE	POUNDS	VALUE
SEA BASS, WHITE	-	-	312,100	$45,686
SHARKS	-	-	51,400	2,719
CRABS, DUNGENESS	122,200	$22,058	-	-
TOTAL	122,200	22,058	363,500	48,405

SPECIES	LINES ?		DIP, BRAIL OR SCOOP NETS	
	POUNDS	VALUE	POUNDS	VALUE
CABEZONE	6,000	$192	-	-
FLOUNDERS:				
CALIFORNIA HALIBUT	6,700	1,483	-	-
SAND DABS	16,700	952	-	-
"SOLE", UNCLASSIFIED	9,800	928	-	-
OTHER	3,000	207	-	-
HAKE	1,500	2	-	-
LINGCOD	82,900	7,295	-	-
MACKEREL:				
JACK	-	-	42,000	$966
PACIFIC	-	-	9,000	198
PERCH	7,300	776	-	-
ROCKFISHES	1,707,100	78,527	-	-
SABLEFISH	19,100	592	-	-
SALMON:				
CHINOOK OR KING	245,400	111,366	-	-
SILVER OR COHO	24,300	9,234	-	-
SEA BASS, WHITE	800	116	-	-
SHARKS	6,200	329	-	-
TUNA:				
ALBACORE	2,292,700	404,897	-	-
SKIPJACK	400	43	-	-
TOTAL	4,429,900	616,939	51,000	1,164

SANTA BARBARA DISTRICT OF CALIFORNIA - OPERATING UNITS, 1959

ITEM	PURSE SEINES AND LAMPARA NETS				BEAM TRAWLS, SHRIMP	OTTER TRAWLS, FISH	POTS AND TRAPS
	MACKEREL	SARDINE	SQUID	OTHER			CRAB
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS.	358	373	58	47	3	48	8
ON BOATS AND SHORE. . .	-	-	-	-	-	-	22
TOTAL.	358	373	58	47	3	48	30
VESSELS, MOTOR.	57	46	13	10	1	12	5
NET TONNAGE	2,288	1,751	196	140	17	206	45
BOATS, MOTOR.	-	-	-	-	-	-	18
ACCESSORY BOATS	41	30	3	2	-	-	-
GEAR:							
NUMBER.	57	46	13	10	1	12	1,380
LENGTH, YARDS	28,860	24,760	3,500	2,500	-	-	-
YARDS AT MOUTH.	-	-	-	-	6	336	-

ITEM	POTS AND TRAPS-CONT'D.	GILL NETS, DRIFT	TRAMMEL NETS	LINES			
				HAND		LONG OR SET	TROLL
	LOBSTER	SEA BASS		ALBACORE	ROCKFISHES	ROCKFISHES	ALBACORE
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS.	5	32	-	106	8	16	562
ON BOATS AND SHORE. . .	22	25	2	18	31	31	70
TOTAL.	27	57	2	124	39	47	632
VESSELS, MOTOR.	3	16	-	37	4	6	213
NET TONNAGE	48	111	-	422	34	64	2,430
BOATS, MOTOR.	16	15	2	9	25	12	50
ACCESSORY BOATS	-	-	-	2	-	-	-
GEAR:							
NUMBER.	1,140	31	2	124	39	97	2,317
HOOKS	-	-	-	124	78	12,114	2,317
SQUARE YARDS.	-	111,600	9,000	-	-	-	-

ITEM	LINES-CONT'D.	DIP, BRAIL OR SCOOP NETS	HARPOONS, SWORDFISH	TONGS, OYSTER	DIVING OUTFITS, ABALONE	BY HAND	TOTAL, EXCLUSIVE OF DUPLICATION
	TROLL-CONT'D.						
	SALMON						
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS.	61	14	4	-	8	-	1,168
ON BOATS AND SHORE. . .	78	12	36	11	55	11	338
TOTAL.	139	26	40	11	63	11	1,506
VESSELS, MOTOR.	28	7	2	-	4	-	317
NET TONNAGE	329	76	15	-	44	-	4,958
BOATS, MOTOR.	55	6	18	11	55	-	212
ACCESSORY BOATS	-	-	-	-	-	-	46
GEAR:							
NUMBER.	498	26	20	11	38	-	-
HOOKS	3,984	-	-	-	-	-	-

SANTA BARBARA DISTRICT OF CALIFORNIA - CATCH BY GEAR, 1959

SPECIES	PURSE SEINES AND LAMPARA NETS		BEAM TRAWLS		OTTER TRAWLS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ANCHOVIES	809,800	$11,175	-	-	-	-
BONITO	123,900	5,326	-	-	-	-
FLOUNDERS:						
CALIFORNIA HALIBUT	-	-	-	-	150,800	$34,317
SAND DABS	-	-	-	-	4,300	217
"SOLE":						
DOVER	-	-	-	-	14,200	671
ENGLISH	-	-	-	-	318,100	20,074
PETRALE	-	-	-	-	757,700	77,508
REX	-	-	-	-	57,500	3,163
SAND	-	-	-	-	31,800	3,150
UNCLASSIFIED	-	-	-	-	1,300	74
OTHER	-	-	-	-	4,600	252
HERRING, SEA	200	11	-	-	-	-
KING CROAKER	1,600	91	-	-	-	-
LINGCOD	-	-	-	-	84,500	5,813
MACKEREL:						
JACK	5,400,800	117,738	-	-	-	-
PACIFIC	1,162,200	25,567	-	-	-	-
OPALEYE	-	-	-	-	200	13
PERCH	-	-	-	-	2,800	624
ROCKFISHES	-	-	-	-	1,153,000	51,575
SABLEFISH	-	-	-	-	13,200	755
SARDINE, PACIFIC	5,525,800	137,039	-	-	-	-
SCULPIN	-	-	-	-	200	13
SEA BASS WHITE	-	-	-	-	300	47
SHARKS	-	-	-	-	2,200	180
SKATES	-	-	-	-	3,800	211
SMELT	200	4	-	-	-	-
TUNA, BLUEFIN	1,100	167	-	-	-	-
TURBOT	-	-	-	-	8,500	424
UNCLASSIFIED, FOR FOOD	-	-	-	-	300	24
CRABS, DUNGENESS	-	-	-	-	8,100	1,377
SHRIMP, OCEAN	-	-	14,500	$1,454	-	-
OCTOPUS	-	-	-	-	1,100	71
SQUID	19,000	380	-	-	-	-
TOTAL	13,044,600	297,498	14,500	1,454	2,618,500	200,553

SPECIES	POTS AND TRAPS		GILL AND TRAMMEL NETS		LINES	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BARRACUDA	-	-	390,000	$38,795	4,000	$400
CABEZONE	-	-	-	-	1,300	78
FLOUNDERS:						
CALIFORNIA HALIBUT	-	-	800	182	27,300	6,197
"SOLE", UNCLASSIFIED	-	-	-	-	1,300	75
OTHER	-	-	-	-	1,100	60
LINGCOD	-	-	-	-	13,600	938
PERCH	-	-	34,300	7,642	17,000	3,791
ROCKFISHES	-	-	-	-	326,300	14,357
SALMON:						
CHINOOK OR KING	-	-	-	-	58,200	28,711
SILVER OR COHO	-	-	-	-	5,800	2,204
SEA BASS:						
BLACK	-	-	-	-	1,300	125
WHITE	-	-	552,100	86,018	4,000	624
SHARKS	-	-	85,000	6,950	3,500	287
SHEEPSHEAD	-	-	-	-	1,000	55
SWORDFISH	-	-	-	-	6,500	2,353
TUNA:						
ALBACORE	-	-	-	-	4,085,000	764,709
SKIPJACK	-	-	-	-	100	8
YELLOWTAIL	-	-	-	-	38,300	1,752
UNCLASSIFIED, FOR FOOD	-	-	300	25	-	-
CRABS:						
DUNGENESS	306,900	$52,022	-	-	-	-
ROCK	46,100	1,780	-	-	-	-
LOBSTERS, SPINY	113,900	62,633	-	-	-	-
TOTAL	466,900	116,435	1,062,500	139,612	4,595,600	826,724

SPECIES	DIP, BRAIL OR SCOOP NETS		HARPOONS		TONGS AND BY HAND		ABALONE OUTFITS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
MACKEREL, PACIFIC	80,000	$1,760	-	-	-	-	-	-
SWORDFISH	-	-	130,000	$47,140	-	-	-	-
ABALONE	-	-	-	-	-	-	542,500	$339,683
OYSTERS, PACIFIC	-	-	-	-	165,800	$27,638	-	-
TOTAL	80,000	1,760	130,000	47,140	165,800	27,638	542,500	339,683

SAN PEDRO DISTRICT OF CALIFORNIA - OPERATING UNITS, 1959

ITEM	PURSE SEINES AND LAMPARA NETS					POTS AND TRAPS	
	MACKEREL	SARDINE	SQUID	TUNA	OTHER	CRAB	LOBSTER
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS.	717	708	106	754	48	-	26
ON BOATS AND SHORE. . . .	3	3	3	-	3	18	102
TOTAL.	720	711	109	754	51	18	128
VESSELS, MOTOR.	104	106	32	95	16	-	18
NET TONNAGE	4,136	4,330	308	7,184	131	-	144
BOATS, MOTOR.	1	1	1	-	1	13	74
ACCESSORY BOATS	70	74	4	95	-	-	-
GEAR:							
NUMBER.	105	107	33	95	17	650	9,312
LENGTH, YARDS	49,260	50,900	12,320	71,960	7,040	-	-

ITEM	GILL NETS, DRIFT			TRAMMEL NETS	LINES		
					HAND		
	BARRACUDA	SEA BASS	OTHER		ALBACORE	ROCKFISHES	YELLOWFIN
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS.	16	24	-	2	454	-	1,476
ON BOATS AND SHORE. . . .	16	20	4	6	30	117	-
TOTAL.	32	44	4	8	484	117	1,476
VESSELS, MOTOR.	8	14	-	1	110	-	115
NET TONNAGE	66	110	-	5	2,146	-	14,748
BOATS, MOTOR.	9	10	4	3	13	74	-
ACCESSORY BOATS	-	-	-	-	30	-	115
GEAR:							
NUMBER.	17	24	4	4	484	174	1,476
HOOKS	-	-	-	-	484	348	1,476
SQUARE YARDS.	61,200	86,400	34,000	18,000	-	-	-

ITEM	LINES - CONTINUED			DIP, BRAIL OR SCOOP NETS	HARPOONS, SWORDFISH	DIVING OUTFITS, ABALONE	TOTAL, EXCLUSIVE OF DUPLICATION
	LONG OR SET	TROLL					
	ROCKFISHES	ALBACORE	OTHER				
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS.	46	730	16	304	18	9	3,390
ON BOATS AND SHORE. . . .	27	57	70	256	62	65	670
TOTAL.	73	787	86	560	80	74	4,060
VESSELS, MOTOR.	23	274	8	150	9	3	668
NET TONNAGE	253	4,143	64	1,289	64	35	27,727
BOATS, MOTOR.	9	37	49	128	31	31	356
ACCESSORY BOATS	-	-	-	-	-	-	255
GEAR:							
NUMBER.	106	3,073	412	560	40	50	-
HOOKS	21,844	3,073	412	-	-	-	-

SAN PEDRO DISTRICT OF CALIFORNIA - CATCH BY GEAR, 1959

SPECIES	PURSE SEINES AND LAMPARA NETS		POTS AND TRAPS	
	POUNDS	VALUE	POUNDS	VALUE
ANCHOVIES	5,959,400	$75,088	-	-
BONITO	2,860,000	110,964	-	-
KING CROAKER	1,340,000	36,106	-	-
MACKEREL:				
JACK	21,180,600	523,156	-	-
PACIFIC	14,969,200	382,401	-	-
POMPANO	14,200	2,281	-	-
SARDINE, PACIFIC	38,953,600	740,118	-	-
SMELT	369,900	8,143	-	-
TUNA:				
ALBACORE	2,000	340	-	-
BLUEFIN	14,196,000	1,770,238	-	-
SKIPJACK	10,918,000	1,146,390	-	-
YELLOWFIN	49,176,000	6,430,070	-	-
CRABS, ROCK	-	-	80,400	$7,205
LOBSTER, SPINY	-	-	236,300	145,677
SQUID	5,357,300	78,217	-	-
TOTAL	165,296,200	11,303,512	316,700	152,882

SPECIES	GILL AND TRAMMEL NETS		LINES	
	POUNDS	VALUE	POUNDS	VALUE
BARRACUDA	580,200	$54,602	39,400	$3,704
CABRILLA	-	-	4,400	685
FLOUNDERS:				
CALIFORNIA HALIBUT	20,400	4,876	40,400	9,633
SAND DABS	-	-	1,700	369
"SOLE", UNCLASSIFIED	-	-	200	29
FLYING FISH	20,000	4,695	-	-
GROUPERS	-	-	272,000	54,065
HALFMOON	-	-	3,600	848
KING CROAKER	100,000	2,700	-	-
LINGCOD	-	-	600	64
MACKEREL:				
JACK	18,000	450	-	-
PACIFIC	-	-	16,400	426
OPALEYE	-	-	4,700	550
PERCH	-	-	100	12
POMPANO	-	-	4,000	644
ROCKBASS	-	-	200	36
ROCKFISHES	-	-	631,000	68,057
SABLEFISH	-	-	600	33
SALMON, CHINOOK OR KING	-	-	700	417
SCULPIN	-	-	34,600	10,349
SEA BASS:				
BLACK	-	-	210,200	30,264
WHITE	1,680,300	218,076	120,000	15,600
SHARKS	182,200	19,934	22,000	2,398
SHEEPSHEAD	-	-	2,300	145
SIERRA	-	-	2,100	128
SKATES	-	-	900	103
SWORDFISH	-	-	7,700	2,972
TUNA:				
ALBACORE	-	-	14,323,300	2,830,337
SKIPJACK	-	-	55,213,500	5,784,194
YELLOWFIN	-	-	36,864,000	4,729,320
WAHOO	-	-	13,800	4,784
YELLOWTAIL	-	-	144,000	12,727
UNCLASSIFIED, FOR FOOD	-	-	1,400	207
TOTAL	2,601,100	305,333	107,979,800	13,563,100

SPECIES	DIP, BRAIL OR SCOOP NETS		HARPOONS		ABALONE OUTFITS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
FLYING FISH	9,900	$2,317	-	-	-	-
MACKEREL, PACIFIC	19,001,600	494,042	-	-	-	-
SWORDFISH	-	-	270,000	$104,244	-	-
ABALONE	-	-	-	-	266,500	$114,301
TOTAL	19,011,500	496,359	270,000	104,244	266,500	114,301

SAN DIEGO DISTRICT OF CALIFORNIA - OPERATING UNITS, 1959

ITEM	PURSE SEINES AND LAMPARA NETS		POTS AND TRAPS		GILL NETS, DRIFT	
	TUNA	OTHER	CRAB	LOBSTER	BARRACUDA	SEA BASS
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS.	108	5	-	10	12	22
ON BOATS AND SHORE. . . .	-	-	5	90	8	28
TOTAL.	108	5	5	100	20	50
VESSELS, MOTOR.	15	1	-	6	6	11
NET TONNAGE	1,182	23	-	44	45	93
BOATS, MOTOR.	-	-	3	60	4	14
ACCESSORY BOATS	15	1	-	-	-	-
GEAR:						
NUMBER.	15	1	150	5,200	10	25
LENGTH, YARDS	10,200	420	-	-	-	-
SQUARE YARDS.	-	-	-	-	36,600	90,000

ITEM	LINES					
	HAND			LONG OR SET	TROLL	
	ALBACORE	ROCKFISHES	YELLOWFIN	ROCKFISHES	ALBACORE	OTHER
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS.	115	4	1,150	14	240	-
ON BOATS AND SHORE. . . .	10	71	-	49	30	14
TOTAL.	125	75	1,150	63	270	14
VESSELS, MOTOR.	34	2	90	6	87	-
NET TONNAGE	897	16	11,484	57	1,019	-
BOATS, MOTOR.	5	52	-	24	18	7
ACCESSORY BOATS	24	-	90	-	-	-
GEAR:						
NUMBER.	125	75	1,150	95	1,031	68
HOOKS	125	150	1,150	8,550	1,031	68

ITEM	DIP, BRAIL OR SCOOP NETS	HARPOONS, SWORDFISH	SHOVELS, CLAM	DIVING OUTFITS, ABALONE	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS.	4	6	-	6	1,302
ON BOATS AND SHORE. . . .	-	20	6	38	160
TOTAL.	4	26	6	44	1,462
VESSELS, MOTOR.	2	3	-	2	217
NET TONNAGE	22	22	-	15	14,344
BOATS, MOTOR.	-	10	-	19	163
ACCESSORY BOATS	-	-	-	-	105
GEAR, NUMBER.	4	13	6	32	-

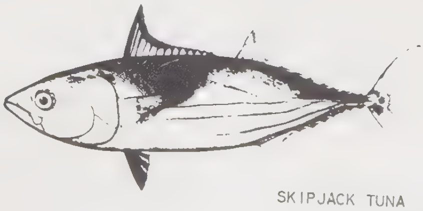
SAN DIEGO DISTRICT OF CALIFORNIA - CATCH BY GEAR, 1959

SPECIES	PURSE SEINES AND LAMPARA NETS		POTS AND TRAPS	
	POUNDS	VALUE	POUNDS	VALUE
ANCHOVIES	1,800	$70	-	-
BARRACUDA	8,000	1,080	-	-
BONITO	12,300	533	-	-
MACKEREL, PACIFIC	45,000	1,966	-	-
SARDINE, PACIFIC	2,000	78	-	-
TUNA:				
BLUEFIN	997,200	105,106	-	-
YELLOWFIN	2,128,000	276,640	-	-
YELLOWTAIL	20,000	1,720	-	-
CRABS, ROCK	-	-	2,900	$73
LOBSTER, SPINY	-	-	156,000	98,132
SQUID	24,700	891	-	-
TOTAL	3,239,000	388,084	158,900	98,205

SPECIES	GILL NETS, DRIFT		LINES	
	POUNDS	VALUE	POUNDS	VALUE
BARRACUDA	106,100	$12,691	25,000	$3,000
CABRILLA	-	-	300	44
FLOUNDERS, CALIFORNIA HALIBUT	4,000	864	67,000	14,511
GROUPERS	-	-	14,000	2,332
KING CROAKER	500	43	-	-
LINGCOD	-	-	200	17
ROCKFISHES	-	-	217,000	21,236
SCULPIN	-	-	2,500	656
SEA BASS:				
BLACK	-	-	38,500	4,876
WHITE	688,700	86,927	40,400	5,090
SHARKS	138,100	12,523	6,200	564
SHEEPSHEAD	-	-	7,000	543
SIERRA	-	-	100	6
SWORDFISH	-	-	3,600	1,397
TUNA:				
ALBACORE	-	-	3,814,200	732,709
SKIPJACK	-	-	32,347,900	3,493,578
YELLOWFIN	-	-	20,201,800	2,632,937
WAHOO	-	-	200	53
YELLOWTAIL	-	-	29,000	2,507
TOTAL	937,400	113,048	56,814,900	6,916,056

SPECIES	DIP, BRAIL OR SCOOP NETS		HARPOONS	
	POUNDS	VALUE	POUNDS	VALUE
MACKEREL, PACIFIC	20,600	$886	-	-
SMELT	300	25	-	-
SWORDFISH	-	-	30,100	$11,689
UNCLASSIFIED, FOR FOOD	1,000	132	-	-
TOTAL	21,900	1,043	30,100	11,689

SPECIES	SHOVELS		ABALONE OUTFITS	
	POUNDS	VALUE	POUNDS	VALUE
ABALONE	-	-	100,100	$40,637
CLAMS, HARD	2,200	$3,661	-	-
TOTAL	2,200	3,661	100,100	40,637



SKIPJACK TUNA

LANDINGS BY HALIBUT FLEET AT SEATTLE, WASHINGTON

Landings of halibut at Seattle, Washington during 1959 by the United States halibut fleet amounted to 17.2 million pounds valued at 3.7 million dollars. Compared with 1958 these landings represented an increase of 2.1 million pounds or 14 percent in volume. The value remained about the same as reported in 1958.

In years prior to 1956, vessels of the Seattle halibut fleet landed important quantities of fish livers and viscera extracted from the fish taken. Since that time the quantities of fish livers and viscera landed by this fishery have been negligible and are not included in the total receipts.

A summary of the 1959 landings at Seattle by the United States halibut fleet is contained in the following tables. These landings represent the dressed weight of the catch and are not directly comparable with the data contained in the sectional and state tables. For additional information on the Pacific Coast halibut fishery, the reader is referred to Section 11 of this publication, Review of Certain Major Fisheries.

LANDINGS BY THE HALIBUT FLEET AT SEATTLE, BY FISHING GROUNDS, 1959

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

FISHING GROUNDS	HALIBUT (DRESSED)						
	TRIPS	CHICKEN		MEDIUM		LARGE	
	NUMBER	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
WEST OF CAPE SPENCER.	226	115	20	7,207	1,586	4,538	1,040
SOUTH OF CAPE SPENCER	279	967	167	2,739	607	459	104
TOTAL.	505	1,082	187	9,946	2,193	4,997	1,144

FISHING GROUNDS	HALIBUT (DRESSED) - CONTINUED				SABLEFISH		TOTAL	
	NO. 2 MEDIUM		NO. 2. LARGE					
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
WEST OF CAPE SPENCER.	834	149	238	45	177	26	13,109	2,866
SOUTH OF CAPE SPENCER	119	21	7	1	1,796	327	6,087	1,227
TOTAL.	953	170	245	46	1,973	353	19,196	4,093

SEE NOTE AT END OF NEXT TABLE.

LANDINGS BY THE HALIBUT FLEET AT SEATTLE, BY MONTHS, 1959

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

MONTHS	HALIBUT (DRESSED						
	TRIPS	CHICKEN		MEDIUM		LARGE	
	NUMBER	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
APRIL	18	19	4	868	197	177	44
MAY	107	242	44	2,754	599	1,402	321
JUNE.	129	550	96	3,003	669	1,335	307
JULY.	59	138	22	1,275	280	836	192
AUGUST.	70	81	13	1,241	266	723	163
SEPTEMBER..	53	50	8	488	109	298	67
OCTOBER	52	2	(1)	290	64	226	50
NOVEMBER.	17	-	-	27	9	-	-
TOTAL.	505	1,082	187	9,946	2,193	4,997	1,144

MONTHS	HALIBUT (DRESSED) - CONTINUED				SABLEFISH		TOTAL	
	NO. 2 MEDIUM		NO. 2 LARGE					
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
APRIL	70	13	9	2	-	-	1,143	260
MAY	184	33	56	11	10	1	4,648	1,009
JUNE.	241	44	58	11	24	4	5,211	1,131
JULY.	203	37	60	11	177	26	2,689	568
AUGUST.	134	23	34	6	366	58	2,579	529
SEPTEMBER	47	8	11	2	549	98	1,443	292
OCTOBER	74	12	17	3	627	122	1,236	251
NOVEMBER.	-	-	-	-	220	44	247	53
TOTAL.	953	170	245	46	1,973	353	19,196	4,093

1/ LESS THAN 500 DOLLARS.

NOTE:--THE 1959 PACIFIC HALIBUT FISHING SEASON OPENED ON APRIL 1, IN AREA 3B (WATERS WEST OF AREA 3A INCLUDING THE BERING SEA) ONLY, AND ON MAY 1, IN ALL OTHER AREAS. AREA 1A (SOUTH OF HECETA HOOD IN OREGON), AREA 1B (BETWEEN HECETA HOOD AND WILLAPA BAY IN WASHINGTON), AREA 2 (BETWEEN WILLAPA BAY AND CAPE SPENCER, ALASKA), AND AREA 3A (BETWEEN CAPE SPENCER AND SHUMAGIN ISLANDS IN ALASKA. ALL AREAS OPENED OR CLOSED AT 6 A.M. PACIFIC STANDARD TIME. AREA'S 1A AND 3B CLOSED ON OCTOBER 16, AND AREA 3A CLOSED ON AUGUST 1. AREA 2 CLOSED THE FIRST REGULAR SEASON ON JULY 8, THE SEASON OPENED ON AUGUST 22 AND REMAINED OPEN 7 DAYS WITH A NO CATCH LIMIT ON THE AREA.

WHALING

A total of 309 whales was taken off California in 1959 -- 48 more than in 1958. The catch was processed into 3.9 million pounds of sperm and whale oil, 3.8 million pounds of whale meal, and 3.7 million pounds of whale meat. These products were valued at 875 thousand dollars to the processors. Compared with the previous year, this was an increase of 8 percent in both volume and value.

The whales were taken by five harpoon vessels based at Point San Pablo and Richmond in San Francisco Bay. The vessels had a combined net tonnage of 609 tons and were manned by a total of 26 men. Most of the whales were captured in the vicinity of the Farallon Islands.

Humpback and fin whales accounted for the greater part of the 1959 catch. There were 140 humpbacks and 109 fin whales taken. The remainder of the catch consisted of 39 sei, 17 sperm, 5 blue, and 2 bottlenose whales. The largest whale caught was a blue whale measuring 82 feet. Fin whales, however, contributed the greatest concentrations of large sizes ranging from 50 to 75 feet. Humpbacks ranged from 33 to 51 feet, sei whales from 35 to 51 feet, and sperm from 35 to 52 feet.

The season for taking whales, established in accordance with the regulations of the International Whaling Commission, permits the taking of sperm whales from April 1 to November 30, and other species from May 1 to October 31. The maximum number of whales was taken in July and August.

The humpback whales each supplied from six to eight tons of whale meat and about 1,800 gallons of oil. The larger finback whales yielded from 12 to 15 tons of meat.

WHALE CATCH, 1959

MONTH	BLUE	BOTTLENOSE	FIN	HUMPBACK	SEI	SPERM	TOTAL
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
MAY	-	-	29	19	-	3	51
JUNE	1	-	19	16	1	1	38
JULY	-	-	42	20	4	2	68
AUGUST	-	-	8	43	13	5	69
SEPTEMBER	4	1	4	14	10	4	37
OCTOBER	-	1	4	28	11	2	46
TOTAL	5	2	106	140	39	17	309

WHALE PRODUCTS, 1959

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

ITEM	QUANTITY	VALUE
MEAL	3,763	263
MEAT	3,722	347
OIL:		
SPERM	171	12
WHALE	3,739	253
TOTAL	11,395	875

NOTE:--TO CONVERT POUNDS OF OIL TO GALLONS DIVIDE BY 7.5.

SECTION 8 - GREAT LAKES FISHERIES

The United States and Canadian commercial fish catch from the waters of the Great Lakes and the International Lakes of northern Minnesota amounted to 109 million pounds in 1959 -- 4 percent less than in 1958. United States fishermen accounted for 60 percent of the landings. Compared with 1958, the United States catch was down nearly 6 million pounds, while the Canadian catch was up over a million pounds. Most of the decline in the domestic catch occurred in Lake Michigan, where production was nearly 7 million pounds less than in 1958. Catches of nearly all important species taken in this lake were off sharply, with landings of smelt down over 3 million pounds.

United States fishermen took 66 million pounds of fish valued at 7 million dollars from these lakes in 1959, a decline of 8 percent in volume and 18 percent in value compared with the previous year. It was the smallest United States catch since 1928 and the second smallest in the history of the fishery.

In 1959, Lake Erie was the principal contributor to the United States catch with volume only slightly less than in the previous year. The catch from Lake Michigan, the 1958 leader, was down 25 percent. Lake Superior landings were up 1.8 million pounds. Catches in other lakes were virtually unchanged from the previous year.

Among the eight Great Lakes States, Michigan continued to lead in production, although its catch was 3.2 million pounds less than in 1958. Ohio was in second place with 19.5 million pounds -- about the same level as the previous year. Wisconsin landings were down 1.4 million pounds.

There were large changes in the catch of principal Great Lakes species compared with the previous year. Landings of yellow pike declined 51 percent; smelt, 28 percent; lake trout, 18 percent; carp, 13 percent; and chubs, 7 percent. Few large increases occured, although sheepshead was up 64 percent and yellow perch, 7 percent. Landings of the once abundant blue pike amounted to only 35 thousand pounds. In 1949 the catch of this species totaled 14 million pounds and the catch averaged over 7 million pounds annually during the years from 1952 to 1956.

Blue pike are taken almost exclusively in Lake Erie which has a history of violent changes in fish populations. This may be due to the shallow nature of the lake which results in wide environmental changes due to wind and temperature variations. Moreover, biologists have found evidence of a long term trend toward enrichment of the waters of Lake Erie.

Lake trout in 1959 yielded a catch of 868 thousand pounds -- the first year landings by United States fishermen were below a million pounds. In 1944 the catch of these fish amounted to 10.6 million pounds with most of the production coming from Lake Michigan. With the exception of a few pounds, all of the 1959 catch came from Lake Superior -- the last Great Lakes refuge for this species.

Great Lakes catch statistics show a change in the principal landings from high-priced to low-priced species. Lake trout, whitefish, yellow and blue pike, which formerly accounted for most of the value of the Great Lakes catch, are now taken in greatly reduced numbers while yellow perch, chubs, smelt, carp, alewives, and other lower-priced species are taken in increasing volume.

The change in composition of the stocks is caused partly by the decimation of some native species by the lamprey, partly by the increase in populations of introduced species with limited demand, and partly by changing physical conditions in the lakes themselves which provide a more favorable habitat for the less desirable fish. The commercial fishery has been selective against high priced species. Paradoxically, the lakes appear to contain a greater volume of fish than ever before.

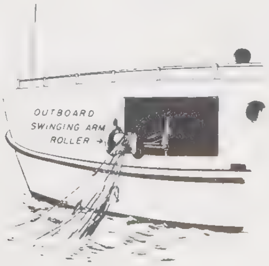
The lamprey control program in Lake Superior moved rapidly from the experimental to the operational stage in 1959. United States and Canadian crews operating in their respective countries worked in close cooperation in treating waters flowing into the lakes so as to destroy young lamprey in the stream beds. Treatment of lamprey spawning streams emptying into Lake Superior was scheduled to be completed in 1960. After the lamprey population has been reduced, an effort will be made to rebuild the lake trout population through restocking and other means. Preliminary work was underway in 1959 for similar treatment of streams flowing into Lake Michigan.

An important Bureau accomplishment on the Great Lakes has been the encouragement of otter trawling to replace less efficient gear in some fisheries. Though the states have not fully accepted the gear as a regular fishing device, most granted restricted permits for its use. The exploratory fishing program conducted by the Bureau in Lake Erie during 1959 indicated that smelt could be taken profitably on a commercial scale with trawling gear.

During 1959 a total of 3,851 men, 511 vessels of 5 net tons and over, and 1,323 other craft was employed in the commercial fisheries of the Great Lakes and the International Lakes of northern Minnesota. The number of vessels was down 44 compared with the previous year. As a result of the poor economic condition of the Great Lakes fisheries for a number of years, there has been a gradual decline in the number of vessels operated in the Lakes. The number engaged in 1959 was 150 less than in 1950.

Much of the data in this section were assembled and prepared for publication by the Bureau's Branch of Statistics and Branch of Inland Fisheries from information collected by the following agencies: Dominion Bureau of Statistics of Canada; Illinois Department of Conservation; Indiana Department of Conservation, Division of Fish and Game; Michigan Department of Conservation; Minnesota Department of Conservation; New York Conservation Department, Division of Fish and Game; Ohio Department of Natural Resources, Section of Fish Management; Pennsylvania Fish Commission; and Wisconsin Conservation Department.

Condensed summary data of the operating units and catch of the Great Lakes fisheries appearing on the following pages have previously been published in Current Fishery Statistics No. 2454. Seasonal variations in the catch of fish landed in Ohio can be ascertained from monthly landing bulletins issued currently in cooperation with the Ohio Department of Natural Resources, Section of Fish Management. Additional specific data on many aspects of the Great Lakes fisheries may be found in the daily, monthly, and annual reports published by the Bureau's Chicago Fishery Market News Office.

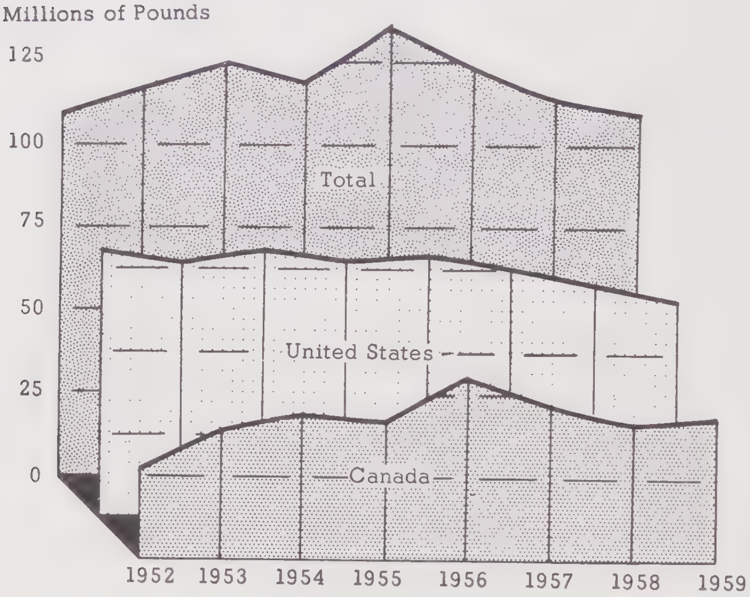


NET LIFTER IN OPERATION

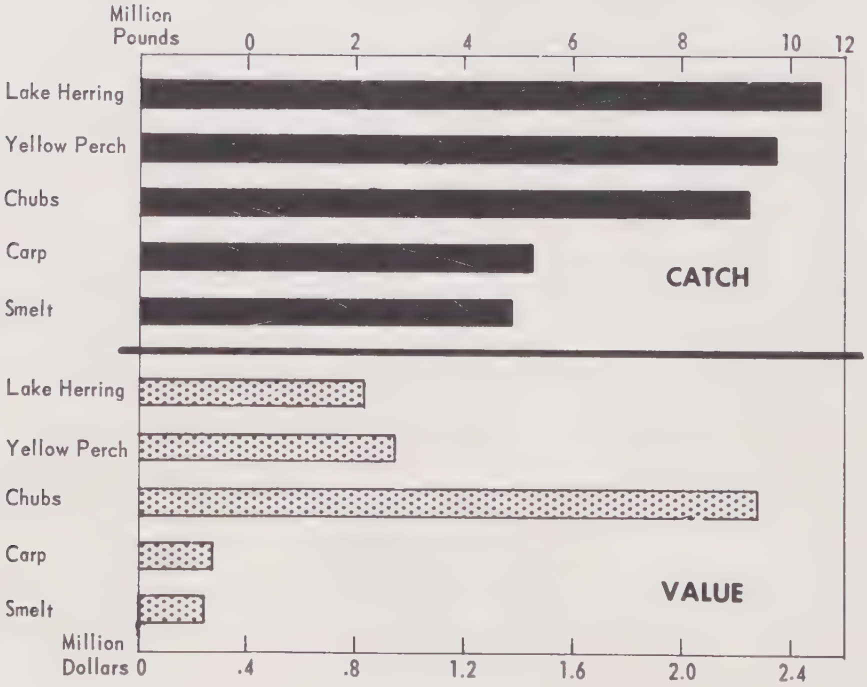
GILL NET OPERATION

GREAT LAKES FISHERIES

GREAT LAKES CATCH, 1952 - 1959



GREAT LAKES CATCH AND VALUE OF CERTAIN SPECIES, 1959



SUMMARY OF UNITED STATES AND CANADIAN CATCH, 1959

(THOUSANDS OF POUNDS)

SPECIES	LAKE ONTARIO			LAKE ERIE			LAKE ST. CLAIR 1/
	UNITED STATES	CANADA	TOTAL	UNITED STATES	CANADA	TOTAL	CANADA
	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
BLUE PIKE	3	3	6	32	47	79	-
BOWFIN	4	32	36	-	19	19	12
BUFFALOFISH	-	-	-	13	-	13	-
BULLHEADS	98	273	371	59	62	121	7
BURBOT	(3)	(3)	(3)	60	(3)	60	(3)
CARP	18	536	554	4,015	390	4,405	434
CATFISH	1	39	40	1,429	192	1,621	57
CHUBS	1	-	1	-	-	-	-
CISCO	5	-	5	15	39	54	-
CRAPPIE	(3)	-	(3)	-	-	-	-
EELS, COMMON	21	136	157	-	(3)	(3)	-
GIZZARD SHAD	-	-	-	(3)	-	(3)	-
GOLDFISH	-	-	-	103	-	103	-
LAKE HERRING	-	52	52	-	-	-	-
LAKE TROUT	(3)	1	1	(3)	(3)	(3)	-
MOONEYE	-	-	-	1	-	1	-
PIKE OR PICKEREL	-	33	33	2	1	3	10
ROCK BASS	3	11	14	2	39	41	10
SAUGER	(3)	-	(3)	1	-	1	4
SHEEPSHEAD	(3)	24	24	4,608	1,328	5,936	28
SMELT	(3)	208	208	15	6,843	6,858	-
STURGEON	1	8	9	(3)	4	4	11
SUCKERS	14	57	71	248	135	383	108
SUNFISH	16	104	120	-	14	14	9
WHITE BASS	4	16	20	818	1,406	2,224	16
WHITEFISH:							
COMMON	6	335	341	46	88	134	-
MENOMINEE	(3)	(3)	-	-	-	-	-
WHITE PERCH	2	-	2	-	-	-	-
YELLOW PERCH	28	32	60	9,348	19,606	28,954	37
YELLOW PIKE	1	151	152	1,618	1,384	3,002	102
TOTAL	226	2,051	2,277	22,433	31,597	54,030	845

SPECIES	LAKE HURON			LAKE MICHIGAN	LAKE SUPERIOR		
	UNITED STATES	CANADA 2/	TOTAL	UNITED STATES	UNITED STATES	CANADA	TOTAL
	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
ALEWIVES	3	-	3	1,264	-	-	-
BOWFIN	(3)	160	160	-	-	-	-
BULLHEADS	3	-	3	6	(3)	-	(3)
BURBOT	(3)	1	1	8	7	6	13
CARP	1,303	47	1,350	1,938	(3)	(3)	(3)
CATFISH	329	20	349	(3)	-	-	-
CHUBS	2,151	1,086	3,237	7,796	1,264	117	1,381
CRAPPIE	1	-	1	-	(3)	-	(3)
EELS, COMMON	(3)	-	(3)	-	-	-	-
GIZZARD SHAD	9	-	9	-	-	-	-
LAKE HERRING	33	18	51	967	11,512	2,834	14,346
LAKE TROUT	-	1	1	(3)	868	238	1,106
PIKE OR PICKEREL	7	23	30	12	(3)	4	4
ROCK BASS	7	(3)	7	1	-	-	-
SAUGER	(3)	1	1	-	(3)	68	68
SHEEPSHEAD	49	23	72	(3)	-	-	-
SMELT	70	(3)	70	6,004	800	1	801
STURGEON	1	19	20	1	(3)	5	5
SUCKERS	464	179	643	612	50	52	102
WHITE BASS	2	3	5	-	-	-	-
WHITEFISH:							
COMMON	103	347	450	31	382	210	592
MENOMINEE	2	7	9	9	70	17	87
YELLOW PERCH	356	242	598	1,977	1	27	28
YELLOW PIKE	148	423	571	182	1	271	272
TOTAL	5,041	2,600	7,641	20,808	14,955	3,850	18,805

SEE FOOTNOTES AT END OF TABLE

(CONTINUED ON NEXT PAGE)

SUMMARY OF UNITED STATES AND CANADIAN CATCH, 1959 - Continued

(THOUSANDS OF POUNDS)

SPECIES	TOTAL, GREAT LAKES			NAMAKAN LAKE		
	UNITED STATES	CANADA	TOTAL	UNITED STATES	CANADA	TOTAL
	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
ALEWIVES	1,267	-	1,267	-	-	-
BLUE PIKE	35	50	85	-	-	-
BOWFIN	4	223	227	-	-	-
BUFFALOFISH	13	-	13	-	-	-
BULLHEADS	166	342	508	-	-	-
BURBOT	75	7	82	3	9	12
CARP	7,274	1,407	8,681	-	-	-
CATFISH	1,759	308	2,067	-	-	-
CHUBS	11,212	1,203	12,415	-	-	-
CISCO	20	39	59	-	-	-
CRAPPIE	1	-	1	-	-	-
EELS, COMMON	21	136	157	-	-	-
GIZZARD SHAD	9	-	9	-	-	-
GOLDFISH	103	-	103	-	-	-
LAKE HERRING	12,512	2,904	15,416	-	-	-
LAKE TROUT	868	240	1,108	-	-	-
MOONEYE	1	-	1	-	-	-
PIKE OR PICKEREL	21	71	92	-	2	2
ROCK BASS	13	60	73	-	(3)	(3)
SAUGER	1	73	74	-	-	-
SHEEPSHEAD	4,657	1,403	6,060	-	-	-
SMELT	6,889	7,052	13,941	-	-	-
STURGEON	3	47	50	-	3	3
SUCKERS	1,388	531	1,919	2	24	26
SUNFISH	16	127	143	-	-	-
TULLIBEE	-	-	-	10	11	21
WHITE BASS	824	1,441	2,265	-	-	-
WHITEFISH:						
COMMON	568	980	1,548	15	10	25
MENOMINEE	81	24	105	-	-	-
WHITE PERCH	2	-	2	-	-	-
YELLOW PERCH	11,710	19,944	31,654	-	-	-
YELLOW PIKE	1,950	2,331	4,281	-	8	8
TOTAL	63,463	40,943	104,406	30	67	97

SPECIES	RAINY LAKE			LAKE OF THE WOODS		
	UNITED STATES	CANADA	TOTAL	UNITED STATES	CANADA	TOTAL
	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
BULLHEADS	-	-	-	7	30	37
BURBOT	31	81	112	507	238	745
CARP	-	-	-	-	(3)	(3)
LAKE TROUT	-	-	-	-	5	5
PIKE OR PICKEREL	10	160	170	47	261	308
ROCK BASS	-	4	4	-	19	19
SAUGER	-	1	1	37	33	70
STURGEON	-	6	6	-	(3)	(3)
SUCKERS	44	251	295	61	297	358
TULLIBEE	20	83	103	1,253	114	1,367
WHITEFISH, COMMON	45	63	108	1	88	89
YELLOW PERCH	(3)	2	2	21	17	38
YELLOW PIKE	20	199	219	220	681	901
TOTAL	170	850	1,020	2,154	1,783	3,937

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

SUMMARY OF UNITED STATES AND CANADIAN CATCH, 1959 - Continued

(THOUSANDS OF POUNDS)

SPECIES	TOTAL, INTERNATIONAL LAKES			GRAND TOTAL, ALL LAKES		
	UNITED STATES	CANADA	TOTAL	UNITED STATES	CANADA	TOTAL
	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
ALEWIVES	-	-	-	1,267	-	1,267
BLUE PIKE	-	-	-	35	50	85
BOWFIN	-	-	-	4	4/223	227
BUFFALOFISH	-	-	-	13	-	13
BULLHEADS	7	30	37	173	372	545
BURBOT	541	328	869	616	335	951
CARP	-	(3)	(3)	7,274	1,407	8,681
CATFISH	-	-	-	1,759	308	2,067
CHUBS	-	-	-	11,212	1,203	12,415
CISCO	-	-	-	20	39	59
CRAPPIE	-	-	-	1	-	1
EELS, COMMON	-	-	-	21	136	157
GIZZARD SHAD	-	-	-	9	-	9
GOLDFISH	-	-	-	103	-	103
LAKE HERRING	-	-	-	12,512	2,904	15,416
LAKE TROUT	-	5	5	868	245	1,113
MOONEYE	-	-	-	1	-	1
PIKE OR PICKEREL	57	423	480	78	494	572
ROCK BASS	-	23	23	13	83	96
SAUGER	37	34	71	38	107	145
SHEEPSHEAD	-	-	-	4,657	1,403	6,060
SMELT	-	-	-	6,889	7,052	13,941
STURGEON	-	9	9	3	56	59
SUCKERS	107	572	679	1,495	1,103	2,598
SUNFISH	-	-	-	16	127	143
TULLIBEE	1,283	208	1,491	1,283	208	1,491
WHITE BASS	-	-	-	824	1,441	2,265
WHITEFISH:						
COMMON	61	161	222	629	1,141	1,770
MENOMINEE	-	-	-	81	24	105
WHITE PERCH	-	-	-	2	-	2
YELLOW PERCH	21	19	40	11,731	19,963	31,694
YELLOW PIKE	240	888	1,128	2,190	3,219	5,409
TOTAL	2,354	2,700	5,054	65,817	43,643	109,460

1/ ALTHOUGH UNITED STATES COMMERCIAL FISHERMEN ARE NOT PERMITTED TO FISH IN LAKE ST. CLAIR, 119,200 POUNDS OF CARP, VALUED AT $4,767 AND 1,100 POUNDS OF CATFISH, VALUED AT $230 WERE TAKEN FROM THE LAKE UNDER THE MICHIGAN DEPARTMENT OF CONSERVATION'S ROUGH FISH REMOVAL PROGRAM.

2/ INCLUDES NORTH CHANNEL AND GEORGIAN BAY.

3/ LESS THAN 500 POUNDS.

4/ INCLUDES ALEWIVES AND GARFISH.

NOTE:--IN CANADA, THE CATCH OF CRAPPIE HAS BEEN INCLUDED WITH ROCK BASS.

SUMMARY OF UNITED STATES CATCH, 1959

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

STATE	TOTAL	
	QUANTITY	VALUE
NEW YORK	499	91
PENNSYLVANIA	1,071	118
OHIO	19,518	1,733
MICHIGAN	22,323	2,681
INDIANA	1	(1)
ILLINOIS	245	43
WISCONSIN	16,833	2,078
MINNESOTA	5,327	360
TOTAL	65,817	7,104

1/ LESS THAN 500 DOLLARS.

GREAT LAKES FISHERIES

SECTIONAL SUMMARIES

SUMMARY OF UNITED STATES OPERATING UNITS BY LAKES, 1959

ITEM	LAKE ONTARIO	LAKE ERIE	LAKE HURON
	NUMBER	NUMBER	NUMBER
FISHERMEN:			
ON VESSELS	8	415	200
ON BOATS AND SHORE:			
REGULAR	-	187	54
CASUAL	84	253	245
TOTAL	92	855	499
VESSELS, MOTOR	2	135	65
NET TONNAGE	13	1,214	793
BOATS:			
MOTOR	42	156	161
OTHER	4	94	38
ACCESSORY BOATS	-	94	22
GEAR:			
HAUL SEINES, COMMON	4	72	22
LENGTH, YARDS	430	59,290	11,605
OTTER TRAWLS, FISH	-	4	-
YARDS AT MOUTH	-	59	-
POUND NETS	-	6	18
TRAP NETS:			
DEEP	-	-	63
SHALLOW	47	2,732	555
HOOP NETS	-	3	36
FYKE NETS	42	73	13
GILL NETS:			
2-1/8 - 3-7/8 INCH MESH	20	80	205
SQUARE YARDS	45,500	521,500	1,027,200
4 - 7 INCH MESH	9	119	24
SQUARE YARDS	46,900	986,200	100,900
7-1/8 - 14 INCH MESH	4	3	47
SQUARE YARDS	12,200	3,300	114,000
LINES:			
LONG OR SET WITH HOOKS	-	2	85
HOOKS	-	150	36,675

ITEM	LAKE MICHIGAN	LAKE SUPERIOR	LAKE OF THE WOODS, NAMAKAN LAKE, AND RAINY LAKE	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:				
ON VESSELS	575	375	-	1,497
ON BOATS AND SHORE:				
REGULAR	87	76	38	442
CASUAL	859	426	45	1,912
TOTAL	1,521	877	83	3,851
VESSELS, MOTOR	205	136	-	511
NET TONNAGE	3,166	1,675	-	6,390
BOATS:				
MOTOR	350	265	39	1,013
OTHER	25	10	2	173
ACCESSORY BOATS	11	10	-	137
GEAR:				
HAUL SEINES, COMMON	18	3	-	119
LENGTH, YARDS	9,310	430	-	81,065
OTTER TRAWLS, FISH	6	-	-	10
YARDS AT MOUTH	138	-	-	197
POUND NETS	278	116	12	430
TRAP NETS:				
DEEP	-	-	-	63
SHALLOW	186	41	22	3,557
HOOP NETS	408	3	37	487
FYKE NETS	132	-	44	304
GILL NETS:				
1-1/4 - 2 INCH MESH	116	6	-	122
SQUARE YARDS	88,200	3,900	-	92,100
2-1/8 - 3-7/8 INCH MESH	1,090	623	-	1,959
SQUARE YARDS	4,655,100	2,366,700	-	8,254,600
4 - 7 INCH MESH	168	452	163	933
SQUARE YARDS	536,800	3,551,900	93,700	5,294,100
7-1/8 - 14 INCH MESH	56	-	-	110
SQUARE YARDS	73,600	-	-	203,100
LINES:				
HAND	6	-	-	6
HOOKS	6	-	-	6
TROLL	-	86	-	86
HOOKS	-	116	-	116
LONG OR SET WITH HOOKS	3	-	-	90
HOOKS	1,050	-	-	37,875

SUMMARY OF OPERATING UNITS BY STATES AND LAKES, 1959

ITEM	NEW YORK			PENNSYLVANIA	OHIO
	LAKE ONTARIO	LAKE ERIE	TOTAL	LAKE ERIE	LAKE ERIE
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS.	8	36	44	96	316
ON BOATS AND SHORE:					
REGULAR	-	-	-	-	171
CASUAL.	84	6	90	15	166
TOTAL	92	42	134	111	653
VESSELS, MOTOR.	2	9	11	25	109
NET TONNAGE	13	80	93	212	1,000
BOATS:					
MOTOR	42	3	45	7	116
OTHER	4	-	4	-	72
ACCESSORY BOATS	-	-	-	5	83
GEAR:					
HAUL SEINES, COMMON	4	-	4	-	52
LENGTH, YARDS	430	-	430	-	46,280
OTTER TRAWLS.	-	-	-	-	4
YARDS AT MOUTH.	-	-	-	-	59
POUND NETS.	-	-	-	6	-
TRAP NETS, SHALLOW.	47	-	47	43	2,566
FYKE NETS..	42	-	42	-	24
GILL NETS:					
2-1/8 - 3-7/8 INCH MESH .	20	14	34	34	39
SQUARE YARDS.	45,500	92,100	137,600	295,100	225,300
4 - 7 INCH MESH	9	17	26	23	93
SQUARE YARDS.	46,900	173,000	219,900	398,800	532,700
7-1/8 - 14 INCH MESH. . .	4	1	5	-	1
SQUARE YARDS.	12,200	1,000	13,200	-	400

ITEM	MICHIGAN				
	LAKE ERIE	LAKE HURON	LAKE MICHIGAN	LAKE SUPERIOR	TOTAL
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS.	18	200	280	243	741
ON BOATS AND SHORE:					
REGULAR	16	54	47	34	151
CASUAL.	66	245	483	271	1,065
TOTAL	100	499	810	548	1,957
VESSELS, MOTOR.	7	65	97	84	253
NET TONNAGE	55	793	1,440	1,038	3,326
BOATS:					
MOTOR	30	161	214	136	541
OTHER	22	38	11	7	78
ACCESSORY BOATS	7	22	7	4	40
GEAR:					
HAUL SEINES, COMMON	20	22	1	3	46
LENGTH, YARDS	13,010	11,605	460	430	25,505
POUND NETS.	-	18	200	33	251
TRAP NETS:					
DEEP.	-	63	-	-	63
SHALLOW	143	555	183	41	922
HOOP NETS	3	36	8	3	50
FYKE NETS	49	13	12	-	74
GILL NETS:					
1-1/4 - 2 INCH MESH . . .	-	-	83	2	85
SQUARE YARDS.	-	-	45,600	300	45,900
2-1/8 - 3-7/8 INCH MESH .	3	205	458	393	1,059
SQUARE YARDS.	1,100	1,027,200	2,077,900	1,349,300	4,455,500
4 - 7 INCH MESH	-	24	114	279	417
SQUARE YARDS.	-	100,900	396,000	2,510,000	3,006,900
7-1/8 - 14 INCH MESH. . .	1	47	3	-	51
SQUARE YARDS.	1,900	114,000	2,300	-	118,200
LINES:					
HAND.	-	-	6	-	6
HOOKS	-	-	6	-	6
TROLL	-	-	-	86	86
HOOKS	-	-	-	116	116
LONG OR SET WITH HOOKS. .	2	85	3	-	90
HOOKS	150	36,675	1,050	-	37,875

(CONTINUED ON NEXT PAGE)

SUMMARY OF OPERATING UNITS BY STATES AND LAKES, 1959 - Continued

ITEM	INDIANA	ILLINOIS	WISCONSIN		
	LAKE MICHIGAN	LAKE MICHIGAN	LAKE MICHIGAN	LAKE SUPERIOR	TOTAL
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS.	-	23	291	124	415
ON BOATS AND SHORE:					
REGULAR	-	-	40	4	44
CASUAL.	4	-	372	34	406
TOTAL	4	23	703	162	865
VESSELS, MOTOR.	-	8	106	49	155
NET TONNAGE	-	158	1,682	605	2,287
BOATS:					
MOTOR	4	-	132	14	146
OTHER	-	-	14	3	17
ACCESSORY BOATS	-	-	4	6	10
GEAR:					
HAUL SEINES, COMMON	-	-	17	-	17
LENGTH, YARDS	-	-	8,850	-	8,850
OTTER TRAWLS.	-	-	6	-	6
YARDS AT MOUTH.	-	-	138	-	138
POUND NETS.	-	-	78	74	152
TRAP NETS, SHALLOW.	-	-	3	-	3
HOOP NETS	-	-	400	-	400
FYKE NETS	-	-	120	-	120
GILL NETS:					
1-1/4 - 2 INCH MESH . . .	-	-	33	4	37
SQUARE YARDS.	-	-	42,600	3,600	46,200
2-1/8 - 3-7/8 INCH MESH .	4	23	619	103	722
SQUARE YARDS.	1,500	109,100	2,577,300	685,800	3,263,100
4 - 7 INCH MESH	-	-	54	162	216
SQUARE YARDS.	-	-	140,800	1,121,000	1,261,800
7-1/8 - 14 INCH MESH. . .	-	-	53	-	53
SQUARE YARDS.	-	-	71,300	-	71,300

ITEM	MINNESOTA			GRAND TOTAL, EXCLUSIVE OF DUPLICATION, ALL LAKES
	LAKE SUPERIOR	LAKE OF THE WOODS, NAMAKAN LAKE, AND RAINY LAKE	TOTAL	
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:				
ON VESSELS.	13	-	13	1,497
ON BOATS AND SHORE:				
REGULAR	38	38	76	442
CASUAL.	121	45	166	1,912
TOTAL	172	83	255	3,851
VESSELS, MOTOR.	5	-	5	511
NET TONNAGE	63	-	63	6,390
BOATS:				
MOTOR	115	39	154	1,013
OTHER	-	2	2	173
ACCESSORY BOATS	-	-	-	137
GEAR:				
HAUL SEINES, COMMON	-	-	-	119
LENGTH, YARDS	-	-	-	81,065
OTTER TRAWLS.	-	-	-	10
YARDS AT MOUTH.	-	-	-	197
POUND NETS.	9	12	21	430
TRAP NETS:				
DEEP.	-	-	-	63
SHALLOW	-	22	22	3,557
HOOP NETS	-	37	37	487
FYKE NETS	-	44	44	304
GILL NETS:				
1-1/4 - 2 INCH MESH . . .	-	-	-	122
SQUARE YARDS.	-	-	-	92,100
2-1/8 - 3-7/8 INCH MESH .	132	-	132	1,959
SQUARE YARDS.	372,100	-	372,100	8,254,600
4 - 7 INCH MESH	13	163	176	933
SQUARE YARDS.	39,300	93,700	133,000	5,294,100
7-1/8 - 14 INCH MESH. . .	-	-	-	110
SQUARE YARDS.	-	-	-	203,100
LINES:				
HAND.	-	-	-	6
HOOKS	-	-	-	6
TROLL	-	-	-	86
HOOKS	-	-	-	116
LONG OR SET WITH HOOKS. .	-	-	-	90
HOOKS	-	-	-	37,875

CATCH BY STATES, 1959

SPECIES	NEW YORK		PENNSYLVANIA		OHIO	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUE PIKE	10,000	$2,962	5,500	$1,465	19,700	$7,861
BOWFIN	3,500	176	-	-	-	-
BUFFALOFISH	-	-	-	-	13,000	1,392
BULLHEADS	98,200	25,428	100	14	47,500	6,507
BURBOT	200	12	19,200	384	40,600	4,061
CARP	19,700	1,140	4,900	138	2,966,400	88,992
CATFISH	1,600	252	2,300	406	1,337,000	288,795
CHUBS	500	146	-	-	-	-
CISCO	5,600	1,529	5,700	1,585	8,700	2,249
CRAPPIE	400	63	-	-	-	-
EELS	20,800	3,321	-	-	-	-
GIZZARD SHAD	-	-	-	-	400	13
GOLDFISH	-	-	-	-	99,700	1,495
LAKE TROUT	100	34	(1)	6	-	-
MOONEYE	-	-	-	-	500	16
PIKE OR PICKEREL	-	-	-	-	700	104
ROCK BASS	3,300	310	-	-	-	-
SAUGER	(1)	2	-	-	1,300	179
SHEEPSHEAD	9,300	194	49,100	922	4,484,500	134,535
SMELT	1,900	270	1,800	268	11,300	1,576
STURGEON	900	984	300	230	100	106
SUCKERS	24,200	1,165	20,600	493	198,900	6,366
SUNFISH	15,700	1,890	-	-	-	-
WHITE BASS	27,700	3,471	68,200	6,075	690,200	131,829
WHITEFISH:						
COMMON	9,400	4,470	18,900	12,937	24,000	15,826
MENOMINEE	200	45	-	-	-	-
WHITE PERCH	2,400	162	-	-	-	-
YELLOW PERCH	152,000	12,840	785,500	64,088	8,264,700	578,530
YELLOW PIKE	91,600	30,315	89,300	29,192	1,308,900	462,047
TOTAL	499,200	91,181	1,071,400	118,203	19,518,100	1,732,479

SPECIES	MICHIGAN		INDIANA		ILLINOIS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	526,900	$5,793	-	-	2,200	$24
BOWFIN	100	1	-	-	-	-
BUFFALOFISH	(1)	7	-	-	-	-
BULLHEADS	15,600	2,212	-	-	-	-
BURBOT	900	41	-	-	-	-
CARP	2,359,500	103,165	-	-	-	-
CATFISH	418,200	90,844	-	-	-	-
CHUBS	4,867,000	960,361	-	-	118,500	26,059
CISCO	(1)	2	-	-	-	-
CRAPPIE	1,000	270	-	-	-	-
EELS	(1)	1	-	-	-	-
GIZZARD SHAD	8,900	346	-	-	-	-
GOLDFISH	3,500	52	-	-	-	-
LAKE HERRING	6,523,600	418,681	-	-	2,700	260
LAKE TROUT	671,500	343,128	-	-	-	-
PIKE OR PICKEREL	14,300	2,426	-	-	-	-
ROCK BASS	9,400	1,379	-	-	-	-
SAUGER	100	23	-	-	-	-
SHEEPSHEAD	113,800	2,734	-	-	-	-
SMELT	3,987,400	124,695	-	-	100	13
STURGEON	1,500	1,149	-	-	-	-
SUCKERS	756,500	38,018	-	-	-	-
WHITE BASS	38,000	7,102	-	-	-	-
WHITEFISH:						
COMMON	373,600	242,003	-	-	-	-
MENOMINEE	22,600	6,538	-	-	-	-
YELLOW PERCH	1,156,100	132,239	1,000	$136	121,400	17,118
YELLOW PIKE	452,500	197,616	-	-	-	-
TOTAL	22,322,500	2,680,826	1,000	136	244,900	43,474

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

CATCH BY STATES, 1959 - Continued

SPECIES	WISCONSIN		MINNESOTA		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	738,300	$36,915	-	-	1,267,400	$42,732
BLUE PIKE	-	-	-	-	35,200	12,288
BOWFIN	-	-	-	-	3,600	177
BUFFALOFISH	-	-	-	-	13,000	1,399
BULLHEADS	4,900	481	6,800	$1,020	173,100	35,662
BURBOT	13,800	688	540,900	14,904	615,600	20,090
CARP	1,923,200	76,926	-	-	7,273,700	270,361
CATFISH	200	61	-	-	1,759,300	380,358
CHUBS	6,078,400	1,276,458	147,100	19,480	11,211,500	2,282,504
CISCO	-	-	-	-	20,000	5,365
CRAPPIE	(1)	1	-	-	1,400	334
EELS	-	-	-	-	20,800	3,322
GIZZARD SHAD	-	-	-	-	9,300	359
GOLDFISH	-	-	-	-	103,200	1,547
LAKE HERRING	3,577,900	221,859	2,407,700	192,620	12,511,900	833,420
LAKE TROUT	186,000	120,909	10,700	3,930	868,300	468,007
MOONEYE	-	-	-	-	500	16
PIKE OR PICKEREL	6,000	839	57,200	4,300	78,200	7,669
ROCK BASS	-	-	-	-	12,700	1,689
SAUGER	-	-	36,600	5,340	38,000	5,544
SHEEPSHEAD	200	6	-	-	4,656,900	138,391
SMELT	2,490,600	99,621	396,100	11,884	6,889,200	238,327
STURGEON	-	-	-	-	2,800	2,469
SUCKERS	383,200	19,162	111,400	2,218	1,494,800	67,422
SUNFISH	-	-	-	-	15,700	1,890
TULLIBEE	-	-	1,283,000	25,660	1,283,000	25,660
WHITE BASS	-	-	-	-	824,100	148,477
WHITEFISH:						
COMMON	140,900	84,560	62,200	14,770	629,000	374,566
MENOMINEE	53,100	1,591	4,900	390	80,800	8,564
WHITE PERCH	-	-	-	-	2,400	162
YELLOW PERCH	1,229,300	135,227	21,000	2,100	11,731,000	942,278
YELLOW PIKE	7,200	2,750	240,800	60,840	2,190,300	782,760
TOTAL	16,833,200	2,078,054	5,326,400	359,456	65,816,700	7,103,809

1/ LESS THAN 50 POUNDS.

NOTE:--THE MICHIGAN CATCH DOES NOT INCLUDE 119,200 POUNDS OF CARP VALUED AT $4,767 AND 1,100 POUNDS OF CATFISH VALUED AT $230 TAKEN FROM LAKE ST. CLAIR UNDER THE MICHIGAN DEPARTMENT OF CONSERVATION'S ROUGH FISH REMOVAL PROGRAM, AND 138,300 POUNDS OF CARP VALUED AT $7,691 TAKEN FROM INLAND LAKES AND STREAMS.

CATCH BY LAKES AND STATES, 1959

SPECIES	LAKE ONTARIO		LAKE ERIE			
	NEW YORK		NEW YORK		PENNSYLVANIA	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUE PIKE	3,100	$881	6,900	$2,081	5,500	$1,465
BOWFIN	3,500	176	-	-	-	-
BULLHEADS	98,200	25,427	(1)	1	100	14
BURBOT	200	12	-	-	19,200	384
CARP	18,200	1,094	1,500	46	4,900	138
CATFISH	800	111	800	141	2,300	406
CHUBS	500	146	-	-	-	-
CISCO	4,500	1,197	1,100	332	5,700	1,585
CRAPPIE	400	63	-	-	-	-
EELS	20,800	3,321	-	-	-	-
LAKE TROUT	100	34	-	-	(1)	6
ROCK BASS	3,300	308	(1)	2	-	-
SAUGER	(1)	(1)	(1)	2	-	-
SHEEPSHEAD	100	10	9,200	184	49,100	922
SMELT	100	9	1,800	261	1,800	268
STURGEON	700	861	200	123	300	230
SUCKERS	13,600	954	10,600	211	20,600	493
SUNFISH	15,700	1,890	-	-	-	-
WHITE BASS	3,700	586	24,000	2,885	68,200	6,075
WHITEFISH:						
COMMON	6,000	2,273	3,400	2,197	18,900	12,937
MENOMINEE	200	45	-	-	-	-
WHITE PERCH	2,400	162	-	-	-	-
YELLOW PERCH	28,100	2,928	123,900	9,912	785,500	64,068
YELLOW PIKE	1,400	547	90,200	29,768	89,300	29,192
TOTAL	225,600	43,035	273,600	48,146	1,071,400	118,203

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

CATCH BY LAKES AND STATES, 1959 - Continued

SPECIES	LAKE ERIE - CONTINUED					
	OHIO		MICHIGAN		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUE PIKE	19,700	$7,861	-	-	32,100	$11,407
BUFFALOFISH	13,000	1,392	(1)	$7	13,000	1,399
BULLHEADS	47,500	6,507	11,100	1,560	58,700	8,082
BURBOT	40,600	4,061	-	-	59,800	4,445
CARP	2,966,400	88,992	1,041,900	37,508	4,014,700	126,684
CATFISH	1,337,000	288,795	88,600	19,322	1,428,700	308,664
CISCO	8,700	2,249	(1)	2	15,500	4,168
GIZZARD SHAD	400	13	-	-	400	13
GOLDFISH	99,700	1,495	3,500	52	103,200	1,547
LAKE TROUT	-	-	-	-	(1)	6
MOONEYE	500	16	-	-	500	16
PIKE OR PICKEREL	700	104	1,100	161	1,800	265
ROCK BASS	-	-	1,400	281	1,400	283
SAUGER	1,300	179	-	-	1,300	181
SHEEPSHEAD	4,484,500	134,535	65,000	1,561	4,607,800	137,202
SMELT	11,300	1,576	-	-	14,900	2,105
STURGEON	100	106	-	-	600	459
SUCKERS	198,900	6,366	18,400	477	248,500	7,547
WHITE BASS	690,200	131,829	35,300	6,485	817,700	147,274
WHITEFISH, COMMON	24,000	15,826	100	48	46,400	31,008
YELLOW PERCH	8,264,700	578,530	174,200	11,149	9,348,300	663,679
YELLOW PIKE	1,308,900	462,047	129,200	54,517	1,617,600	575,524
TOTAL	19,518,100	1,732,479	1,569,800	133,130	22,432,900	2,031,958

SPECIES	LAKE HURON		LAKE MICHIGAN			
	MICHIGAN		MICHIGAN		INDIANA	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	3,000	$30	523,900	$5,763	-	-
BOWFIN	100	1	-	-	-	-
BULLHEADS	3,000	396	1,500	256	-	-
BURBOT	100	7	100	2	-	-
CARP	1,303,500	65,177	14,100	480	-	-
CATFISH	329,600	71,520	(1)	2	-	-
CHUBS	2,150,900	436,625	2,382,300	469,320	-	-
CRAPPIE	1,000	270	-	-	-	-
EELS	(1)	1	-	-	-	-
GIZZARD SHAD	8,900	346	-	-	-	-
LAKE HERRING	32,700	5,001	248,800	14,183	-	-
LAKE TROUT	-	-	(1)	2	-	-
PIKE OR PICKEREL	6,600	1,470	6,500	776	-	-
ROCK BASS	6,700	958	1,300	140	-	-
SAUGER	100	19	-	-	-	-
SHEEPSHEAD	48,700	1,170	100	3	-	-
SMELT	70,000	3,359	3,896,600	120,795	-	-
STURGEON	600	425	700	618	-	-
SUCKERS	464,100	24,575	257,800	11,355	-	-
WHITE BASS	2,700	617	-	-	-	-
WHITEFISH:						
COMMON	102,600	71,903	11,100	6,894	-	-
MENOMINEE	2,400	1,303	8,800	3,326	-	-
YELLOW PERCH	356,000	51,619	625,800	69,462	1,000	$136
YELLOW PIKE	147,700	78,883	174,700	63,757	-	-
TOTAL	5,041,000	815,675	8,154,100	767,134	1,000	136

SPECIES	LAKE MICHIGAN - CONTINUED					
	ILLINOIS		WISCONSIN		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	2,200	$24	738,300	$36,915	1,264,400	$42,702
BULLHEADS	-	-	4,700	467	6,200	723
BURBOT	-	-	7,300	366	7,400	368
CARP	-	-	1,923,200	76,926	1,937,300	77,406
CATFISH	-	-	200	61	200	63
CHUBS	118,500	26,059	5,295,400	1,112,034	7,796,200	1,607,413
LAKE HERRING	2,700	260	716,000	78,762	967,500	93,205
LAKE TROUT	-	-	-	-	(1)	2
PIKE OR PICKEREL	-	-	6,000	839	12,500	1,615
ROCK BASS	-	-	-	-	1,300	140
SHEEPSHEAD	-	-	200	6	300	9
SMELT	100	13	2,107,000	84,278	6,003,700	205,086
STURGEON	-	-	-	-	700	618
SUCKERS	-	-	354,000	17,700	611,800	29,055
WHITEFISH:						
COMMON	-	-	19,500	11,693	30,600	18,587
MENOMINEE	-	-	300	8	9,100	3,334
YELLOW PERCH	121,400	17,118	1,228,600	135,149	1,976,800	221,865
YELLOW PIKE	-	-	7,200	2,750	181,900	66,507
TOTAL	244,900	43,474	12,407,900	1,557,954	20,807,900	2,368,698

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

CATCH BY LAKES AND STATES , 1959 - Continued

SPECIES	LAKE SUPERIOR							
	MICHIGAN		WISCONSIN		MINNESOTA		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BULLHEADS	-	-	200	$14	-	-	200	$14
BURBOT	700	$32	6,500	322	-	-	7,200	354
CARP	-	-	(1)	(1)	-	-	(1)	(1)
CHUBS	333,800	54,416	783,000	164,424	147,100	$19,480	1,263,900	238,320
CRAPPIE	-	-	(1)	1	-	-	(1)	1
LAKE HERRING	6,242,100	399,497	2,861,900	143,097	2,407,700	192,620	11,511,700	735,214
LAKE TROUT	671,500	343,126	186,000	120,909	10,700	3,930	868,200	467,965
PIKE OR PICKEREL	100	19	-	-	-	-	100	19
SAUGER	(1)	4	-	-	-	-	(1)	4
SMELT	20,800	541	383,600	15,343	396,100	11,884	800,500	27,768
STURGEON	200	106	-	-	-	-	200	106
SUCKERS	16,200	1,611	29,200	1,462	5,000	88	50,400	3,161
WHITEFISH:								
COMMON	259,800	163,158	121,400	72,867	1,300	320	382,500	236,345
MENOMINEE	11,400	1,909	52,800	1,583	4,900	390	69,100	3,882
YELLOW PERCH	100	9	700	78	-	-	800	87
YELLOW PIKE	900	459	-	-	-	-	900	459
TOTAL	7,557,600	964,887	4,425,300	520,100	2,972,800	228,712	14,955,700	1,713,699

SPECIES	LAKE OF THE WOODS		LAKE NAMAKAN		RAINY LAKE		TOTAL, ALL LAKES	
	MINNESOTA		MINNESOTA		MINNESOTA			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	-	-	-	-	-	-	1,267,400	$42,732
BLUE PIKE	-	-	-	-	-	-	35,200	12,288
BOWFIN	-	-	-	-	-	-	3,600	177
BUFFALOFISH	-	-	-	-	-	-	13,000	1,399
BULLHEADS	6,800	$1,020	-	-	-	-	173,100	35,662
BURBOT	507,800	14,244	2,400	$50	30,700	$610	615,600	20,090
CARP	-	-	-	-	-	-	7,273,700	270,361
CATFISH	-	-	-	-	-	-	1,759,300	380,358
CHUBS	-	-	-	-	-	-	11,211,500	2,282,504
CISCO	-	-	-	-	-	-	20,000	5,365
CRAPPIE	-	-	-	-	-	-	1,400	334
EELS	-	-	-	-	-	-	20,800	3,322
GIZZARD SHAD	-	-	-	-	-	-	9,300	359
GOLDFISH	-	-	-	-	-	-	103,200	1,547
LAKE HERRING	-	-	-	-	-	-	12,511,900	833,420
LAKE TROUT	-	-	-	-	-	-	868,300	468,007
MOONEYE	-	-	-	-	-	-	500	16
PIKE OR PICKEREL	47,300	3,310	-	-	9,900	990	78,200	7,669
ROCK BASS	-	-	-	-	-	-	12,700	1,689
SAUGER	36,600	5,340	-	-	-	-	38,000	5,544
SHEEPSHEAD	-	-	-	-	-	-	4,656,900	138,391
SMELT	-	-	-	-	-	-	6,889,200	238,327
STURGEON	-	-	-	-	-	-	2,800	2,469
SUCKERS	60,600	1,210	2,300	50	43,500	870	1,494,800	67,422
SUNFISH	-	-	-	-	-	-	15,700	1,890
TULLIBEE	1,253,000	25,060	9,700	200	20,300	400	1,283,000	25,660
WHITE BASS	-	-	-	-	-	-	824,100	148,477
WHITEFISH:								
COMMON	600	120	15,200	2,610	45,100	11,720	629,000	374,566
MENOMINEE	-	-	-	-	-	-	80,800	8,564
WHITE PERCH	-	-	-	-	-	-	2,400	162
YELLOW PERCH	20,900	2,090	-	-	100	10	11,731,000	942,278
YELLOW PIKE	220,300	55,090	-	-	20,500	5,750	2,190,300	782,760
TOTAL	2,153,900	107,484	29,600	2,910	170,100	20,350	65,816,700	7,103,809

1/ LESS THAN 50 POUNDS OR 50 CENTS.

TRANSPORTING, WHOLESALING, AND MANUFACTURING, 1959

ITEM	NEW YORK	PENNSYLVANIA	OHIO	INDIANA	ILLINOIS	MICHIGAN	MINNESOTA	WISCONSIN	TOTAL
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
TRANSPORTING:									
PERSONS ENGAGED, ON VESSELS.	-	-	12	-	-	-	13	-	25
VESSELS, MOTOR	-	-	3	-	-	-	5	-	8
NET TONNAGE.	-	-	55	-	-	-	84	-	139
WHOLESALING AND MANUFACTURING:									
ESTABLISHMENTS	36	5	64	6	54	115	20	101	401
PERSONS ENGAGED:									
AVERAGE FOR SEASON	236	40	664	19	1,134	1,169	182	1,160	4,604
AVERAGE FOR YEAR	136	25	436	14	806	601	91	510	2,619

NOTE:--ONLY CRAFT TRANSPORTING FISH AND SHELLFISH ARE INCLUDED AS TRANSPORTERS. BOATS AND VESSELS ENGAGED IN TRANSPORTING AND FISHING ARE INCLUDED ONLY AS FISHING CRAFT. OF THE TOTAL NUMBER OF PERSONS SHOWN ON TRANSPORTERS, 9 ENGAGED IN FISHING AND HAVE ALSO BEEN INCLUDED AS FISHERMEN.

SUMMARY OF PRODUCTION, BY COMMODITIES, 1959

SUMMARY OF ITEMS		QUANTITY	VALUE
FRESH AND FROZEN, PACKAGED:			
NOT BREADED:			
FISH FILLETS AND STEAKS.	POUNDS	6,658,781	$3,579,535
FISH PORTIONS.	DO	283,619	120,295
SHELLFISH.	DO	536,500	790,269
BREADED:			
FISH FILLETS, PORTIONS AND STICKS.	DO	12,889,207	3,731,914
SHELLFISH.	DO	38,600	30,090
CURED FISH:			
SALTED, PICKLED, AND LUTEFISH (FROM DRIED COD).	DO	13,444,965	5,119,128
SMOKED	DO	5,734,771	3,310,283
MISCELLANEOUS (CANNED ANIMAL FOOD, SMOKED SHRIMP, AND CHILLED SHRIMP COCKTAILS).	-	-	375,589
TOTAL	-	-	17,057,103

SUMMARY OF VALUE, BY STATES, 1959

STATE	VALUE
NEW YORK	$594,110
PENNSYLVANIA	84,791
OHIO	5,250,672
MICHIGAN	3,468,800
ILLINOIS	4,786,424
WISCONSIN.	2,474,795
MINNESOTA.	397,511
TOTAL	17,057,103

MANUFACTURED FISHERY PRODUCTS, 1959

ITEM		NEW YORK		PENNSYLVANIA	
		QUANTITY	VALUE	QUANTITY	VALUE
BLUE PIKE FILLETS, FRESH AND FROZEN	POUNDS	(1)	(1)	(1)	(1)
CHUBS, SMOKED	DO	(1)	(1)	-	-
EELS, SMOKED	DO	(1)	(1)	-	-
HERRING, LAKE:					
FILLETS:					
FRESH	DO	-	-	(1)	(1)
FROZEN	DO	-	-	(1)	(1)
SMOKED	DO	(1)	(1)	-	-
HERRING, SEA, SALTED	DO	(1)	(1)	-	-
LAKE TROUT FILLETS:					
FRESH	DO	4,000	$3,050	-	-
FROZEN	DO	(1)	(1)	-	-
SABLEFISH, SMOKED	DO	(1)	(1)	-	-
SALMON, SMOKED	DO	(1)	(1)	-	-
SAUGER FILLETS:					
FRESH	DO	(1)	(1)	-	-
FROZEN	DO	(1)	(1)	-	-
WHITE BASS, FRESH AND FROZEN FILLETS	DO	(1)	(1)	(1)	(1)
WHITEFISH:					
FRESH AND FROZEN FILLETS	DO	11,600	7,140	1,554	$1,189
SMOKED	DO	(1)	(1)	-	-
YELLOW PERCH FILLETS:					
FRESH	DO	42,500	18,550	194,365	63,172
FROZEN	DO	13,500	5,150	33,932	13,596
YELLOW PIKE FILLETS:					
FRESH	DO	54,800	44,010	6,941	4,756
FROZEN	DO	23,000	17,670	550	495
UNCLASSIFIED PRODUCTS:					
PACKAGED, FRESH AND FROZEN:					
FISH FILLETS AND STEAKS (NOT BREADED) 2/	DO	234,490	124,946	3,611	1,583
SHELLFISH (BREADED AND NOT BREADED) 3/	DO	221,475	282,194	-	-
SMOKED FISH AND SHELLFISH 4/	DO	110,500	85,400	-	-
MISCELLANEOUS 5/	-	-	6,000	-	-
TOTAL	-	-	594,110	-	84,791

ITEM		OHIO		MICHIGAN	
		QUANTITY	VALUE	QUANTITY	VALUE
BLUE PIKE FILLETS, FRESH AND FROZEN	POUNDS	21,200	$17,940	-	-
CARP, SMOKED	DO	(1)	(1)	(1)	(1)
CHUBS, SMOKED	DO	(1)	(1)	613,000	$279,400
CISCO, SMOKED	DO	(1)	(1)	-	-
EELS, SMOKED	DO	(1)	(1)	-	-
HERRING, LAKE:					
FILLETS:					
FRESH	DO	(1)	(1)	46,500	11,755
FROZEN	DO	-	-	15,500	4,270
SALTED	DO	-	-	2,360,000	429,000
SMOKED	DO	-	-	(1)	(1)
HERRING, SEA, SALTED	DO	(1)	(1)	(1)	(1)
LAKE TROUT:					
FILLETS:					
FRESH	DO	(1)	(1)	18,100	14,201
FROZEN	DO	-	-	5,180	3,347
SMOKED	DO	-	-	(1)	(1)
SABLEFISH, SMOKED	DO	(1)	(1)	(1)	(1)
SALMON, SMOKED	DO	63,000	70,200	500,500	450,300
SAUGER FILLETS:					
FRESH	DO	182,625	176,854	170,848	123,806
FROZEN	DO	56,425	52,104	(1)	(1)
STURGEON, SMOKED	DO	-	-	(1)	(1)
WHITE BASS, FRESH AND FROZEN FILLETS	DO	10,455	5,812	-	-
WHITEFISH:					
FRESH AND FROZEN FILLETS	DO	50,750	38,140	18,401	14,807
SMOKED	DO	(1)	(1)	(1)	(1)
YELLOW PERCH FILLETS:					
FRESH	DO	1,301,664	486,815	579,500	208,685
FROZEN	DO	296,375	99,341	108,000	33,200

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

MANUFACTURED FISHERY PRODUCTS, 1959 - Continued

ITEM		OHIO		MICHIGAN	
		QUANTITY	VALUE	QUANTITY	VALUE
YELLOW PIKE FILLETS:					
FRESH.	POUNDS	232,770	$189,492	122,772	$91,495
FROZEN	DO	90,300	66,365	100,000	75,000
UNCLASSIFIED PRODUCTS:					
PACKAGED FRESH AND FROZEN:					
FISH FILLETS AND STEAKS (NOT BREADED) 2/	DO	1,760	1,454	105,000	72,000
FISH FILLETS, PORTIONS, AND STICKS (PRINCIPALLY BREADED)	DO	12,219,036	3,426,331	41,850	21,835
SHELLFISH (BREADED AND NOT BREADED) 3/	DO	266,000	414,300	40,000	60,000
SMOKED FISH AND SHELLFISH 4/ .	DO	299,000	193,850	587,000	331,550
MISCELLANEOUS 5/	-	-	11,674	-	1,244,149
TOTAL	-	-	5,250,672	-	3,468,800

ITEM		ILLINOIS		WISCONSIN		MINNESOTA	
		QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
BLUE PIKE FILLETS, FRESH AND FROZEN.	POUNDS	(1)	(1)	-	-	-	-
CARP, SMOKED	DO	-	-	29,000	$8,750	-	-
CHUBS, SMOKED.	DO	1,152,500	$621,150	1,289,200	547,830	(1)	(1)
CISCO, SMOKED.	DO	-	-	-	-	84,208	$40,778
EELS, SMOKED	DO	37,000	23,845	-	-	-	-
HERRING, LAKE:							
FILLETS:							
FRESH.	DO	12,469	4,385	(1)	(1)	-	-
FROZEN	DO	6,147	1,667	-	-	-	-
SALTED	DO	-	-	1,313,804	189,345	(1)	(1)
SMOKED	DO	-	-	115,200	34,150	63,909	22,608
HERRING, SEA, SALTED	DO	5,915,000	2,933,000	(1)	(1)	(1)	(1)
LAKE TROUT:							
FILLETS:							
FRESH.	DO	24,454	17,569	61,000	55,700	-	-
FROZEN	DO	15,626	10,131	15,000	13,250	-	-
SMOKED	DO	30,300	29,195	27,400	17,330	11,022	8,593
SABLEFISH, SMOKED.	DO	262,000	143,000	27,900	12,885	2,759	1,803
SALMON, SMOKED	DO	191,000	216,000	30,600	22,850	(1)	(1)
SAUGER FILLETS:							
FRESH.	DO	36,169	25,397	121,000	100,240	-	-
FROZEN	DO	12,400	8,392	18,000	17,720	-	-
STURGEON, SMOKED	DO	20,000	37,350	-	-	-	-
WHITE BASS, FRESH AND FROZEN FILLETS	DO	(1)	(1)	(1)	(1)	-	-
WHITEFISH:							
FRESH AND FROZEN	DO	380,144	222,702	147,600	111,750	-	-
SMOKED	DO	18,800	16,780	58,000	31,240	48,074	28,173
YELLOW PERCH FILLETS:							
FRESH.	DO	89,718	47,481	819,000	375,700	-	-
FROZEN	DO	20,036	9,118	329,620	147,566	-	-
YELLOW PIKE FILLETS:							
FRESH.	DO	139,663	131,977	54,800	50,530	-	-
FROZEN	DO	44,067	37,070	50,700	53,270	-	-
UNCLASSIFIED PRODUCTS:							
PACKAGED FRESH AND FROZEN:							
FISH FILLETS AND STEAKS (NOT BREADED) 2/	DO	18,800	11,440	83,400	34,290	-	-
FISH FILLETS, PORTIONS, AND STICKS (PRINCIPALLY BREADED)	DO	23,000	9,900	888,940	394,143	-	-
SHELLFISH (BREADED AND NOT BREADED) 3/	DO	75,000	97,000	28,500	19,175	-	-
SMOKED FISH AND SHELLFISH 4/ .	DO	5,300	8,045	41,000	18,400	20,599	16,028
MISCELLANEOUS 5/	-	-	123,830	-	218,681	-	279,528
TOTAL	-	-	4,786,424	-	2,474,795	-	397,511

1/ INCLUDED WITH UNCLASSIFIED PRODUCTS.

2/ INCLUDES FRESH AND FROZEN FILLETS OF BLUE PIKE, LAKE HERRING, LAKE TROUT, SAUGER, AND WHITE BASS; FROZEN FILLETS AND STEAKS OF HALIBUT AND SALMON; FROZEN SWORDFISH STEAKS; AND FRESH PIKE OR PICKEREL FILLETS.

3/ INCLUDES FRESH AND FROZEN COOKED SHRIMP, CHILLED SHRIMP COCKTAILS, FROZEN LOBSTER TAILS, FROZEN BREADED OYSTERS AND SCALLOPS, FRESH AND FROZEN TURTLE MEAT, AND FROZEN FROG LEGS.

4/ INCLUDES SMOKED BUTTERFISH, CARP, CATFISH AND BULLHEADS, CHUBS, CISCO, EELS, LAKE HERRING, LAKE TROUT, MULLET, SALEFISH, SALMON, STURGEON, TULLIBEE, WHITE BASS, WHITEFISH (COMMON AND MENOMINEE), WHITING, AND SHRIMP.

5/ INCLUDES SALTED ANCHOVIES, CHUBS, LAKE HERRING, MACKEREL, SALMON, AND SEA HERRING; LUTEFISK (FROM DRIED COD); AND CANNED ANIMAL FOOD.

NOTE:--SOME OF THE ABOVE PRODUCTS MAY HAVE BEEN MANUFACTURED FROM RAW PRODUCTS IMPORTED FROM ANOTHER STATE OR A FOREIGN COUNTRY; THEREFORE, THEY CANNOT BE CORRELATED DIRECTLY WITH THE CATCH WITHIN THE STATE.

LAKE ONTARIO - OPERATING UNITS BY GEAR, 1959

ITEM	HAUL SEINES, COMMON	TRAP NETS, SHALLOW	FYKE NETS, FISH	GILL NETS 2 1/8-3 7/8 INCH MESH	GILL NETS 4-7 INCH MESH	GILL NETS 7 1/8-14 INCH MESH	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:							
ON VESSELS.	-	-	-	8	8	-	8
ON BOATS AND SHORE, CASUAL	12	30	19	27	10	8	84
TOTAL.	12	30	19	35	18	8	92
VESSELS, MOTOR.	-	-	-	2	2	-	2
NET TONNAGE	-	-	-	13	13	-	13
BOATS:							
MOTOR	4	15	10	15	5	4	42
OTHER	4	-	-	-	-	-	4
GEAR:							
NUMBER.	4	47	42	20	9	4	-
LENGTH, YARDS	430	-	-	-	-	-	-
SQUARE YARDS.	-	-	-	45,500	46,900	12,200	-

LAKE ERIE - OPERATING UNITS BY GEAR, 1959

ITEM	HAUL SEINES, COMMON	OTTER TRAWLS	POUND NETS	TRAP NETS, FISH	HOOP NETS, FISH	FYKE NETS, FISH
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS.	6	10	4	241	-	-
ON BOATS AND SHORE:						
REGULAR	159	-	-	36	-	7
CASUAL.	117	2	-	25	2	13
TOTAL	282	12	4	302	2	20
VESSELS, MOTOR.	1	3	1	93	-	-
NET TONNAGE	11	29	5	815	-	-
BOATS:						
MOTOR	71	1	-	28	1	12
OTHER	70	-	-	24	-	1
ACCESSORY BOATS	1	-	1	93	-	-
GEAR:						
NUMBER.	72	4	6	2,732	3	73
LENGTH, YARDS	59,290	-	-	-	-	-
YARDS AT MOUTH.	-	59	-	-	-	-

ITEM	GILL NETS 2 1/8-3 7/8 INCH MESH	GILL NETS 4-7 INCH MESH	GILL NETS 7 1/8-14 INCH MESH	LINES, LONG OR SET WITH HOOKS	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS.	142	155	-	-	415
ON BOATS AND SHORE:					
REGULAR	3	8	-	-	187
CASUAL.	56	74	7	4	253
TOTAL	201	237	7	4	855
VESSELS, MOTOR.	36	40	-	-	135
NET TONNAGE	355	388	-	-	1,214
BOATS:					
MOTOR	28	40	3	2	156
OTHER	-	-	-	1	94
ACCESSORY BOATS	-	-	-	-	94
GEAR:					
NUMBER.	80	119	3	2	-
SQUARE YARDS.	521,500	986,200	3,300	-	-
HOOKS	-	-	-	150	-

LAKE HURON - OPERATING UNITS BY GEAR, 1959

ITEM	HAUL SEINES, COMMON	POUND NETS	TRAP NETS		HOOP NETS, FISH	FYKE NETS, FISH
			DEEP	SHALLOW		
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS	-	-	34	50	-	3
ON BOATS AND SHORE:						
REGULAR	22	1	1	34	2	-
CASUAL	54	12	2	50	4	3
TOTAL	76	13	37	134	6	6
VESSELS, MOTOR	-	-	11	17	-	1
NET TONNAGE	-	-	78	112	-	6
BOATS:						
MOTOR	22	6	1	43	4	2
OTHER	21	1	1	21	-	-
ACCESSORY BOATS	-	-	11	17	-	-
GEAR:						
NUMBER	22	18	63	555	36	13
LENGTH, YARDS	11,605	-	-	-	-	-

ITEM	GILL NETS			LINES, LONG OR SET WITH HOOKS	TOTAL, EXCLUSIVE OF DUPLICATION
	2 1/8-3 7/8 INCH MESH	4-7 INCH MESH	7 1/8-14 INCH MESH		
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS	143	15	-	-	200
ON BOATS AND SHORE:					
REGULAR	9	4	17	13	54
CASUAL	41	18	40	79	245
TOTAL	193	37	57	92	499
VESSELS, MOTOR	46	5	-	-	65
NET TONNAGE	665	63	-	-	793
BOATS:					
MOTOR	37	10	20	63	161
OTHER	-	-	-	-	38
ACCESSORY BOATS	-	-	-	-	22
GEAR:					
NUMBER	205	24	47	85	-
SQUARE YARDS	1,027,200	100,900	114,000	-	-
HOOKS	-	-	-	36,675	-

LAKE MICHIGAN - OPERATING UNITS BY GEAR, 1959

ITEM	HAUL SEINES, COMMON	OTTER TRAWLS	POUND NETS	TRAP NETS, SHALLOW	HOOP NETS, FISH
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS	17	22	32	21	3
ON BOATS AND SHORE:					
REGULAR	10	-	63	13	26
CASUAL	46	-	214	32	15
TOTAL	73	22	309	66	44

(CONTINUED ON NEXT PAGE)

LAKE MICHIGAN - OPERATING UNITS BY GEAR, 1959 - Continued

ITEM	HAUL SEINES, COMMON	OTTER TRAWLS	POUND NETS	TRAP NETS, SHALLOW	HOOP NETS, FISH
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
VESSELS, MOTOR.	3	6	11	8	1
NET TONNAGE	25	124	107	56	5
BOATS:					
MOTOR	15	-	95	19	20
OTHER	15	-	1	10	-
ACCESSORY BOATS	3	-	1	7	-
GEAR:					
NUMBER.	18	6	278	186	408
LENGTH, YARDS..	9,310	-	-	-	-
YARDS AT MOUTH.	-	138	-	-	-

ITEM	FYKE NETS, FISH	GILL NETS			
		1 1/4-2 INCH MESH	2 1/8-3 7/8 INCH MESH	4-7 INCH MESH	7 1/8-14 INCH MESH
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS.	8	12	544	37	-
ON BOATS AND SHORE:					
REGULAR	17	13	74	37	2
CASUAL.	10	134	480	155	54
TOTAL	35	159	1,098	299	56
VESSELS, MOTOR.	3	5	195	16	-
NET TONNAGE	25	32	3,082	187	-
BOATS, MOTOR.	12	52	184	34	4
GEAR:					
NUMBER.	132	116	1,090	168	56
SQUARE YARDS.	-	88,200	4,655,100	536,800	73,600

ITEM	LINES		TOTAL, EXCLUSIVE OF DUPLICATION
	HAND	LONG OR SET WITH HOOKS	
	NUMBER	NUMBER	NUMBER
FISHERMEN:			
ON VESSELS.	-	-	575
ON BOATS AND SHORE:			
REGULAR	-	-	87
CASUAL.	1	3	859
TOTAL	1	3	1,521
VESSELS, MOTOR.	-	-	205
NET TONNAGE	-	-	3,166
BOATS:			
MOTOR	1	3	350
OTHER	-	-	25
ACCESSORY BOATS	-	-	11
GEAR:			
NUMBER.	6	3	-
HOOKS	6	1,050	-

LAKE SUPERIOR - OPERATING UNITS BY GEAR, 1959

ITEM	HAUL SEINES, COMMON	POUND NETS	TRAP NETS, SHALLOW	HOOP NETS, FISH
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:				
ON VESSELS.	-	31	11	-
ON BOATS AND SHORE:				
REGULAR	-	15	1	-
CASUAL.	10	14	1	3
TOTAL	10	60	13	3
VESSELS, MOTOR.	-	11	3	-
NET TONNAGE	-	109	40	-
BOATS:				
MOTOR	3	11	1	3
OTHER	3	6	1	-
ACCESSORY BOATS	-	7	3	-
GEAR:				
NUMBER.	3	116	41	3
LENGTH, YARDS	430	-	-	-

ITEM	GILL NETS			LINES, TROLL	TOTAL, EXCLUSIVE OF DUPLICATION
	1 1/4-2 INCH MESH	2 1/8-3 7/8 INCH MESH	4-7 INCH MESH		
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS.	-	316	268	5	375
ON BOATS AND SHORE:					
REGULAR	-	77	62	-	77
CASUAL.	12	312	165	12	426
TOTAL	12	705	495	17	877
VESSELS, MOTOR.	-	115	98	2	136
NET TONNAGE	-	1,438	1,220	12	1,675
BOATS:					
MOTOR	2	200	85	11	265
OTHER	-	-	-	-	10
ACCESSORY BOATS	-	-	-	-	10
GEAR:					
NUMBER.	6	623	452	86	-
SQUARE YARDS.	3,900	2,366,700	3,551,900	-	-
HOOKS	-	-	-	116	-

LAKE OF THE WOODS, NAMAKAN LAKE, AND RAINY LAKE - OPERATING UNITS BY GEAR, 1959

ITEM	POUND NETS	TRAP NETS, SHALLOW	HOOP NETS, FISH	FYKE NETS, FISH	GILL NETS, 4-7 INCH MESH	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:						
REGULAR	1	5	-	6	32	38
CASUAL.	4	3	11	4	23	45
TOTAL	5	8	11	10	55	83
BOATS:						
MOTOR	2	5	-	2	30	39
OTHER	2	-	-	-	-	2
GEAR:						
NUMBER.	12	22	37	44	163	-
SQUARE YARDS.	-	-	-	-	93,700	-

CATCH BY LAKE, STATE, AND GEAR, 1959

SPECIES	LAKE ONTARIO					
	NEW YORK					
	HAUL SEINES		TRAP NETS		FYKE NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUE PIKE	-	-	1,600	$439	-	-
BOWFIN	-	-	3,100	154	400	$22
BULLHEADS	12,100	$3,149	74,900	19,381	10,700	2,771
BURBOT	-	-	100	7	100	5
CARP	1,800	109	15,700	943	700	39
CATFISH	-	-	600	87	200	24
CISCO	-	-	100	27	-	-
CRAPPIE	-	-	400	54	(1)	8
EELS	-	-	20,600	3,294	200	26
LAKE TROUT	-	-	(1)	7	-	-
ROCK BASS	-	-	2,000	164	200	16
SAUGER	-	-	(1)	(1)	-	-
SHEEPSHEAD	-	-	100	10	-	-
SMELT	-	-	(1)	3	-	-
SUCKERS	-	-	12,200	855	900	62
SUNFISH	100	12	14,600	1,751	1,000	125
WHITE BASS	-	-	100	14	-	-
WHITEFISH, COMMON	-	-	100	25	-	-
WHITE PERCH	-	-	600	36	-	-
YELLOW PERCH	4,300	255	7,400	447	900	52
YELLOW PIKE	(1)	5	400	159	-	-
TOTAL	18,300	3,530	154,600	27,857	15,300	3,150

SPECIES	LAKE ONTARIO - CONTINUED				LAKE ERIE	
	NEW YORK - CONTINUED				NEW YORK	
	GILL NETS		TOTAL		GILL NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUE PIKE	1,500	$442	3,100	$881	6,900	$2,081
BOWFIN	-	-	3,500	176	-	-
BULLHEADS	500	126	98,200	25,427	(1)	1
BURBOT	-	-	200	12	-	-
CARP	(1)	3	18,200	1,094	1,500	46
CATFISH	-	-	800	111	800	141
CHUBS	500	146	500	146	-	-
CISCO	4,400	1,170	4,500	1,197	1,100	332
CRAPPIE	(1)	1	400	63	-	-
EELS	(1)	1	20,800	3,321	-	-
LAKE TROUT	100	27	100	34	-	-
ROCK BASS	1,100	128	3,300	308	(1)	2
SAUGER	-	-	(1)	(1)	(1)	2
SHEEPSHEAD	-	-	100	10	9,200	184
SMELT	100	6	100	9	1,800	261
STURGEON	700	861	700	861	200	123
SUCKERS	500	37	13,600	954	10,600	211
SUNFISH	(1)	2	15,700	1,890	-	-
WHITE BASS	3,600	572	3,700	586	24,000	2,885
WHITEFISH:						
COMMON	5,900	2,248	6,000	2,273	3,400	2,197
MENOMINEE	200	45	200	45	-	-
WHITE PERCH	1,800	126	2,400	162	-	-
YELLOW PERCH	15,500	2,174	28,100	2,928	123,900	9,912
YELLOW PIKE	1,000	383	1,400	547	90,200	29,768
TOTAL	37,400	8,498	225,600	43,035	273,600	48,146

SPECIES	LAKE ERIE - CONTINUED					
	PENNSYLVANIA					
	POUND NETS		TRAP NETS		GILL NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUE PIKE	500	$112	800	$231	4,200	$1,122
BULLHEADS	-	-	-	-	100	14
BURBOT	700	14	-	-	18,500	370
CARP	2,400	47	600	11	1,900	80
CATFISH	500	84	700	114	1,100	208
CISCO	100	23	100	15	5,500	1,547
LAKE TROUT	-	-	-	-	(1)	6
SHEEPSHEAD	21,000	366	16,700	292	11,400	264
SMELT	-	-	(1)	4	1,800	264

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

CATCH BY LAKE, STATE, AND GEAR, 1959 - Continued

SPECIES	LAKE ERIE - CONTINUED					
	PENNSYLVANIA					
	POUND NETS		TRAP NETS		GILL NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
STURGEON.	100	$85	-	-	200	$145
SUCKERS	5,100	132	4,100	$82	11,400	279
WHITE BASS.	37,600	3,685	2,300	138	28,300	2,252
WHITEFISH, COMMON	1,100	698	2,900	1,854	14,900	10,385
YELLOW PERCH.	29,500	2,486	158,000	11,611	598,000	49,991
YELLOW PIKE	8,300	2,686	2,700	850	78,300	25,656
TOTAL.	106,900	10,418	188,900	15,202	775,600	92,583

SPECIES	LAKE ERIE - CONTINUED					
	PENNSYLVANIA - CONTINUED		OHIO			
	TOTAL		HAUL SEINES		OTTER TRAWLS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUE PIKE	5,500	$1,465	-	-	-	-
BUFFALOFISH	-	-	5,300	$572	-	-
BULLHEADS..	100	14	39,800	5,447	-	-
BURBOT.	19,200	384	-	-	-	-
CARP.	4,900	138	2,660,800	79,825	-	-
CATFISH	2,300	406	964,800	208,393	-	-
CISCO	5,700	1,585	-	-	-	-
GIZZARD SHAD.	-	-	100	3		
GOLDFISH.	-	-	99,000	1,484		
LAKE TROUT.	(1)	6	-	-	-	-
MOONEYE	-	-	500	16	-	-
PIKE OR PICKEREL (JACKS). . .	-	-	100	23	-	-
SHEEPSHEAD.	49,100	922	2,071,800	62,155	-	-
SMELT	1,800	268	-	-	11,300	$1,576
STURGEON.	300	230	(1)	36	-	-
SUCKERS	20,600	493	10,300	329	-	-
WHITE BASS.	68,200	6,075	184,000	35,146	-	-
WHITEFISH, COMMON	18,900	12,937	3,400	2,233	-	-
YELLOW PERCH.	785,500	64,088	54,400	3,807	-	-
YELLOW PIKE	89,300	29,192	70,100	24,732	-	-
TOTAL.	1,071,400	118,203	6,164,400	424,201	11,300	1,576

SPECIES	LAKE ERIE - CONTINUED					
	OHIO - CONTINUED					
	TRAP NETS		FYKE NETS		GILL NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUE PIKE	18,400	$7,342	-	-	1,300	$519
BUFFALOFISH	4,400	467	(1)	$3	3,300	350
BULLHEADS	6,900	946	500	72	300	42
BURBOT.	37,800	3,785	-	-	2,800	276
CARP.	279,100	8,373	200	4	26,300	790
CATFISH	334,200	72,202	4,800	1,031	33,200	7,169
CISCO	1,800	450	-	-	6,900	1,799
GIZZARD SHAD.	100	3	-	-	200	7
GOLDFISH.	700	11	-	-	(1)	(1)
MOONEYE	-	-	-	-	(1)	(1)
PIKE OR PICKEREL (JACKS). . .	200	23	-	-	400	58
SAUGER.	1,300	177	-	-	(1)	2
SHEEPSHEAD.	2,364,100	70,922	700	22	47,900	1,436
STURGEON.	100	66	-	-	(1)	4
SUCKERS	183,200	5,862	900	31	4,500	144
WHITE BASS.	452,600	86,444	11,500	2,204	42,100	8,035
WHITEFISH, COMMON	13,700	9,043	-	-	6,900	4,550
YELLOW PERCH.	7,345,400	514,180	7,800	545	857,100	59,998
YELLOW PIKE	568,200	200,587	2,800	990	667,800	235,738
TOTAL.	11,612,200	980,883	29,200	4,902	1,701,000	320,917

SPECIES	LAKE ERIE - CONTINUED					
	OHIO - CONTINUED		MICHIGAN			
	TOTAL		HAUL SEINES		TRAP NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BLUE PIKE	19,700	$7,861	-	-	-	-
BUFFALOFISH	13,000	1,392	-	-	(1)	$7

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

CATCH BY LAKE, STATE, AND GEAR, 1959 - Continued

SPECIES	LAKE ERIE - CONTINUED					
	OHIO - CONTINUED		MICHIGAN			
	TOTAL		HAUL SEINES		TRAP NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BULLHEADS	47,500	$6,507	1,700	$240	3,800	$531
BURBOT	40,600	4,061	-	-	-	-
CARP	2,966,400	88,992	827,800	29,800	183,500	6,608
CATFISH	1,337,000	288,795	77,000	16,787	8,900	1,940
CISCO	8,700	2,249	-	-	(1)	2
GIZZARD SHAD	400	13	-	-	-	-
GOLDFISH	99,700	1,495	3,500	52	-	-
MOONEYE	500	16	-	-	-	-
PIKE OR PICKEREL (JACKS)	700	104	-	-	100	5
ROCK BASS	-	-	-	-	600	120
SAUGER	1,300	179	-	-	-	-
SHEEPSHEAD	4,484,500	134,535	9,100	218	52,400	1,258
SMELT	11,300	1,576	-	-	-	-
STURGEON	100	106	-	-	-	-
SUCKERS	198,900	6,366	-	-	15,700	408
WHITE BASS	690,200	131,829	2,600	471	30,400	5,597
WHITEFISH, COMMON	24,000	15,826	-	-	100	48
YELLOW PERCH	8,264,700	578,530	1,300	83	148,000	9,472
YELLOW PIKE	1,308,900	462,047	1,100	486	124,500	52,532
TOTAL	19,518,100	1,732,479	924,100	48,137	568,000	78,528

SPECIES	LAKE ERIE - CONTINUED					
	MICHIGAN - CONTINUED					
	FYKE AND HOOP NETS		GILL NETS		LINES, LONG OR SET WITH HOOKS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BULLHEADS	5,600	$789	-	-	-	-
CARP	24,500	882	6,100	$218	-	-
CATFISH	2,700	586	(1)	5	(1)	$4
PIKE OR PICKEREL (JACKS)	1,000	156	-	-	-	-
ROCK BASS	800	161	-	-	(1)	(1)
SHEEPSHEAD	3,400	83	100	1	(1)	1
SUCKERS	2,700	69	-	-	-	-
WHITE BASS	2,300	417	-	-	-	-
YELLOW PERCH	22,400	1,433	2,500	160	(1)	1
YELLOW PIKE	3,600	1,499	-	-	-	-
TOTAL	69,000	6,075	8,700	384	(1)	6

SPECIES	LAKE ERIE - CONTINUED		LAKE HURON			
	MICHIGAN		MICHIGAN			
	TOTAL		HAUL SEINES		POUND NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH	(1)	$7	-	-	-	-
BULLHEADS	11,100	1,560	900	$125	-	-
CARP	1,041,900	37,508	792,500	39,624	-	-
CATFISH	88,600	19,322	57,100	12,394	-	-
CISCO	(1)	2	-	-	-	-
GOLDFISH	3,500	52	-	-	-	-
PIKE OR PICKEREL (JACKS)	1,100	161	600	127	-	-
ROCK BASS	1,400	281	(1)	(1)	-	-
SHEEPSHEAD	65,000	1,561	200	5	-	-
SMELT	-	-	-	-	57,600	$2,765
STURGEON	-	-	-	-	100	43
SUCKERS	18,400	477	60,000	3,180	-	-
WHITE BASS	35,300	6,485	-	-	-	-
WHITEFISH, COMMON	100	48	-	-	5,700	3,966
YELLOW PERCH	174,200	11,149	300	46	-	-
YELLOW PIKE	129,200	54,517	100	39	-	-
TOTAL	1,569,800	133,130	911,700	55,540	63,400	6,774

SPECIES	LAKE HURON - CONTINUED					
	MICHIGAN - CONTINUED					
	TRAP NETS		FYKE AND HOOP NETS		GILL NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	2,900	$29	-	-	100	$1
BOWFIN	100	1	(1)	(1)	(1)	(1)
BULLHEADS	1,800	234	300	$35	-	-
BURBOT	100	7	-	-	-	-

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

CATCH BY LAKE, STATE, AND GEAR, 1959 - Continued

SPECIES	LAKE HURON - CONTINUED					
	MICHIGAN - CONTINUED					
	TRAP NETS		FYKE AND HOOP NETS		GILL NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CARP	159,500	$7,974	300	$17	350,300	$17,516
CATFISH	102,300	22,185	(1)	4	3,000	652
CHUBS	-	-	-	-	2,150,900	436,625
CRAPPIE	1,000	270	-	-	-	-
EELS	(1)	1	-	-	-	
GIZZARD SHAD	8,300	322	-	-	600	24
LAKE HERRING	9,900	1,518	-	-	22,800	3,483
PIKE OR PICKEREL	5,500	1,224	500	113	(1)	6
ROCK BASS	6,200	888	500	70	(1)	(1)
SAUGER	100	18	-	-	(1)	1
SHEEPSHEAD	48,500	1,164	-	-	(1)	1
SMELT	7,300	350	-	-	5,100	244
STURGEON	500	382	-	-	-	-
SUCKERS	383,600	20,306	16,400	868	4,100	221
WHITE BASS	2,700	615	-	-	(1)	2
WHITEFISH:						
COMMON	90,500	63,426	-	-	6,400	4,511
MENOMINEE	(1)	9	-	-	2,400	1,294
YELLOW PERCH	236,800	34,331	5,600	807	113,300	16,435
YELLOW PIKE	130,200	69,534	(1)	1	17,400	9,306
TOTAL	1,197,800	224,788	23,600	1,915	2,676,400	490,322

SPECIES	LAKE HURON - CONTINUED				LAKE MICHIGAN	
	MICHIGAN - CONTINUED				MICHIGAN	
	LINES, LONG OR SET WITH HOOKS		TOTAL		HAUL SEINES	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	-	-	3,000	$30	-	-
BOWFIN	-	-	100	1	-	-
BULLHEADS	(1)	$2	3,000	396	-	-
BURBOT	-	-	100	7	-	-
CARP	900	46	1,303,500	65,177	7,000	$237
CATFISH	167,200	36,285	329,600	71,520	-	-
CHUBS	-	-	2,150,900	436,625	-	-
CRAPPIE	-	-	1,000	270	-	-
EELS	-	-	(1)	1	-	-
GIZZARD SHAD	-	-	8,900	346	-	-
LAKE HERRING	-	-	32,700	5,001	-	-
PIKE OR PICKEREL	-	-	6,600	1,470	-	-
ROCK BASS	-	-	6,700	958	-	-
SAUGER	-	-	100	19	-	-
SHEEPSHEAD	(1)	(1)	48,700	1,170	-	-
SMELT	-	-	70,000	3,359	-	-
STURGEON	-	-	600	425	-	-
SUCKERS	-	-	464,100	24,575	-	-
WHITE BASS	-	-	2,700	617	-	-
WHITEFISH:						
COMMON	-	-	102,600	71,903	-	-
MENOMINEE	-	-	2,400	1,303	-	-
YELLOW PERCH	-	-	356,000	51,619	-	-
YELLOW PIKE	(1)	3	147,700	78,883	-	-
TOTAL	168,100	36,336	5,041,000	815,675	7,000	237

SPECIES	LAKE MICHIGAN - CONTINUED					
	MICHIGAN - CONTINUED					
	POUND NETS		TRAP NETS		FYKE AND HOOP NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	504,700	$5,551	17,700	$195	-	-
BULLHEADS	(1)	1	300	57	1,200	$198
BURBOT	-	-	(1)	1	-	-
CARP	100	3	2,200	76	(1)	(1)
CATFISH	-	-	(1)	2	-	-
CHUBS	400	90	-	-	-	-
LAKE HERRING	1,700	96	7,000	399	-	-
PIKE OR PICKEREL (JACKS)	100	6	4,100	490	500	66
ROCK BASS	(1)	2	200	20	1,000	107
SHEEPSHEAD	-	-	100	2	-	-
SMELT	3,788,700	117,450	65,600	2,035	-	-
STURGEON	100	97	400	348	-	-

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

CATCH BY LAKE, STATE, AND GEAR, 1959 - Continued

SPECIES	LAKE MICHIGAN - CONTINUED					
	MICHIGAN - CONTINUED					
	POUND NETS		TRAP NETS		FYKE AND HOOP NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
SUCKERS	3,000	$134	211,100	$9,291	25,000	$1,098
WHITEFISH:						
COMMON	2,100	1,305	6,000	3,702	-	-
MENOMINEE	(1)	1	-	-	-	-
YELLOW PERCH	600	67	30,100	3,337	27,400	3,042
YELLOW PIKE	6,300	2,312	82,800	30,206	-	-
TOTAL	4,307,800	127,115	427,600	50,161	55,100	4,511

SPECIES	LAKE MICHIGAN - CONTINUED					
	MICHIGAN - CONTINUED					
	GILL NETS		LINES			
			HAND		LONG, OR SET WITH HOOKS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	1,500	$17	-	-	-	-
BURBOT	100	1	-	-	-	-
CARP	4,800	164	-	-	-	-
CHUBS	2,381,900	469,230	-	-	-	-
LAKE HERRING	240,100	13,688	-	-	-	-
LAKE TROUT	(1)	2	-	-	-	-
PIKE OR PICKEREL (JACKS)	1,800	214	-	-	-	-
ROCK BASS	100	11	-	-	-	-
SHEEPSHEAD	(1)	1	-	-	-	-
SMELT	42,300	1,310	-	-	-	-
STURGEON	100	62	-	-	100	$111
SUCKERS	18,700	832	-	-		-
WHITEFISH:						
COMMON	3,000	1,887	-	-	-	-
MENOMINEE	8,800	3,325	-	-	-	-
YELLOW PERCH	567,000	62,941	700	$75	-	-
YELLOW PIKE	85,500	31,201	100	38	-	-
TOTAL	3,355,700	584,886	800	113	100	111

SPECIES	LAKE MICHIGAN - CONTINUED					
	MICHIGAN - CONTINUED		INDIANA		ILLINOIS	
	TOTAL		GILL NETS		GILL NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	523,900	$5,763	-	-	2,200	$24
BULLHEADS	1,500	256	-	-	-	-
BURBOT	100	2	-	-	-	-
CARP	14,100	480	-	-	-	-
CATFISH	(1)	2	-	-	-	-
CHUBS	2,382,300	469,320	-	-	118,500	$26,059
LAKE HERRING	248,800	14,183	-	-	2,700	260
LAKE TROUT	(1)	2	-	-	-	-
PIKE OR PICKEREL (JACKS)	6,500	776	-	-	-	-
ROCK BASS	1,300	140	-	-	-	-
SHEEPSHEAD	100	3	-	-	-	-
SMELT	3,896,600	120,795	-	-	100	13
STURGEON	700	618	-	-	-	-
SUCKERS	257,800	11,355				
WHITEFISH:						
COMMON	11,100	6,894	-	-	-	-
MENOMINEE	8,800	3,326	-	-	-	-
YELLOW PERCH	625,800	69,462	1,000	$136	121,400	17,118
YELLOW PIKE	174,700	63,757	-	-	-	-
TOTAL	8,154,100	767,134	1,000	136	244,900	43,474

SPECIES	LAKE MICHIGAN - CONTINUED					
	WISCONSIN					
	HAUL SEINES		OTTER TRAWLS		POUND NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	-	-	58,800	$2,941	552,100	$27,606
BULLHEADS	-	-	-	-	100	7
BURBOT	-	-	-	-	100	8
CARP	1,548,300	$61,930	-	-	8,100	324

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

CATCH BY LAKE, STATE, AND GEAR, 1959 - Continued

SPECIES	LAKE MICHIGAN - CONTINUED					
	WISCONSIN					
	HAUL SEINES		OTTER TRAWLS		POUND NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CATFISH	100	$30	-	-	-	-
CHUBS	-	-	1,403,700	$294,765	(1)	$4
LAKE HERRING	-	-	2,600	289	3,300	365
PIKE OR PICKEREL	-	-	-	-	(1)	1
SMELT	-	-	242,900	9,716	1,719,100	68,764
SUCKERS	-	-	100	6	10,700	533
WHITEFISH:						
COMMON	-	-	(1)	15	11,500	6,910
MENOMINEE	-	-	-	-	(1)	(1)
YELLOW PERCH	-	-	1,400	157	4,000	441
YELLOW PIKE	100	28	(1)	9	(1)	4
TOTAL	1,548,500	61,988	1,709,500	307,898	2,309,000	104,967

SPECIES	LAKE MICHIGAN - CONTINUED					
	WISCONSIN - CONTINUED					
	TRAP NETS		FYKE AND HOOP NETS		GILL NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	-	-	11,300	$566	116,100	$5,802
BULLHEADS	-	-	4,600	456	(1)	4
BURBOT	-	-	7,000	349	200	9
CARP	400	$14	63,300	2,532	303,100	12,126
CATFISH	-	-	100	29	(1)	2
CHUBS	-	-	-	-	3,891,700	817,265
LAKE HERRING	-	-	200	17	709,900	78,091
PIKE OR PICKEREL	200	32	3,100	424	2,700	382
SHEEPSHEAD	-	-	200	6	(1)	(1)
SMELT	-	-	-	-	145,000	5,798
SUCKERS	100	6	239,300	11,966	103,800	5,189
WHITEFISH:						
COMMON	-	-	-	-	8,000	4,768
MENOMINEE	-	-	-	-	300	8
YELLOW PERCH	-	-	394,100	43,355	829,100	91,196
YELLOW PIKE	1,300	477	1,900	741	3,900	1,491
TOTAL	2,000	529	725,100	60,441	6,113,800	1,022,131

SPECIES	LAKE MICHIGAN - CONTINUED		LAKE SUPERIOR			
	WISCONSIN - CONTINUED		MICHIGAN			
	TOTAL		HAUL SEINES		POUND NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
ALEWIVES	738,300	$36,915	-	-	-	-
BULLHEADS	4,700	467	-	-	-	-
BURBOT	7,300	366	-	-	-	-
CARP	1,923,200	76,926	-	-	-	-
CATFISH	200	61	-	-	-	-
CHUBS	5,295,400	1,112,034	-	-	-	-
LAKE HERRING	716,000	78,762	1,100	$74	20,500	$1,312
LAKE TROUT	-	-	-	-	1,200	612
PIKE OR PICKEREL	6,000	839	-	-	(1)	7
SHEEPSHEAD	200	6	-	-	-	-
SMELT	2,107,000	84,278	-	-	18,800	490
STURGEON	-	-	-	-	200	106
SUCKERS	354,000	17,700	(1)	2	1,400	137
WHITEFISH:						
COMMON	19,500	11,693	-	-	53,600	33,647
MENOMINEE	300	8	600	90	-	-
YELLOW PERCH	1,228,600	135,149	-	-	-	-
YELLOW PIKE	7,200	2,750	-	-	600	283
TOTAL	12,407,900	1,557,954	1,700	166	96,300	36,594

SPECIES	LAKE SUPERIOR - CONTINUED					
	MICHIGAN - CONTINUED					
	TRAP NETS		HOOP NETS		GILL NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BURBOT	-	-	-	-	700	$32
CHUBS	-	-	-	-	333,800	54,416
LAKE HERRING	-	-	-	-	6,220,500	398,111

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

CATCH BY LAKE, STATE, AND GEAR, 1959 - Continued

SPECIES	LAKE SUPERIOR - CONTINUED					
	MICHIGAN - CONTINUED					
	TRAP NETS		HOOP NETS		GILL NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
LAKE TROUT	-	-	-	-	666,800	$340,732
PIKE OR PICKEREL	-	-	(1)	$1	100	11
SAUGER	-	-	-	-	(1)	4
SMELT	-	-	-	-	2,000	51
SUCKERS	3,900	$390	800	81	10,100	1,001
WHITEFISH:						
COMMON	72,900	45,777	-	-	133,300	83,734
MENOMINEE	-	-	-	-	10,800	1,819
YELLOW PERCH	(1)	2	-	-	100	7
YELLOW PIKE	(1)	1	(1)	1	300	174
TOTAL	76,800	46,170	800	83	7,378,500	880,092

SPECIES	LAKE SUPERIOR - CONTINUED					
	MICHIGAN - CONTINUED				WISCONSIN	
	LINES, TROLL		TOTAL		POUND NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BULLHEADS	-	-	-	-	100	$8
BURBOT	-	-	700	$32	4,900	246
CARP	-	-	-	-	(1)	(1)
CHUBS	-	-	333,800	54,416	(1)	3
CRAPPIE	-	-	-	-	(1)	1
LAKE HERRING	-	-	6,242,100	399,497	1,800	91
LAKE TROUT	3,500	$1,782	671,500	343,126	18,300	11,930
PIKE OR PICKEREL	-	-	100	19	-	-
SAUGER	-	-	(1)	4	-	-
SMELT	-	-	20,800	541	371,900	14,877
STURGEON	-	-	200	106	-	-
SUCKERS	-	-	16,200	1,611	18,900	947
WHITEFISH:						
COMMON	-	-	259,800	163,158	43,400	26,077
MENOMINEE	-	-	11,400	1,909	100	2
YELLOW PERCH	-	-	100	9	(1)	4
YELLOW PIKE	-	-	900	459	-	-
TOTAL	3,500	1,782	7,557,600	964,887	459,400	54,186

SPECIES	LAKE SUPERIOR - CONTINUED					
	WISCONSIN				MINNESOTA	
	GILL NETS		TOTAL		POUND NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BULLHEADS	100	$6	200	$14	-	-
BURBOT	1,600	76	6,500	322	-	-
CARP	(1)	(1)	(1)	(1)	-	-
CHUBS	783,000	164,421	783,000	164,424	-	-
CRAPPIE	-	-	(1)	1	-	-
LAKE HERRING	2,860,100	143,006	2,861,900	143,097	-	-
LAKE TROUT	167,700	108,979	186,000	120,909	-	-
SMELT	11,700	466	383,600	15,343	396,100	$11,884
SUCKERS	10,300	515	29,200	1,462	5,000	88
WHITEFISH:						
COMMON	78,000	46,790	121,400	72,867	-	-
MENOMINEE	52,700	1,581	52,800	1,583	-	-
YELLOW PERCH	700	74	700	78	-	-
TOTAL	3,965,900	465,914	4,425,300	520,100	401,100	11,972

SPECIES	LAKE SUPERIOR - CONTINUED				LAKE OF THE WOODS	
	MINNESOTA				MINNESOTA	
	GILL NETS		TOTAL		POUND NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BULLHEADS	-	-	-	-	200	$31
BURBOT	-	-	-	-	89,000	1,780
CHUBS	147,100	$19,480	147,100	$19,480	-	-
LAKE HERRING	2,407,700	192,620	2,407,700	192,620	-	-
LAKE TROUT	10,700	3,930	10,700	3,930	-	-
PIKE OR PICKEREL	-	-	-	-	3,700	256

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

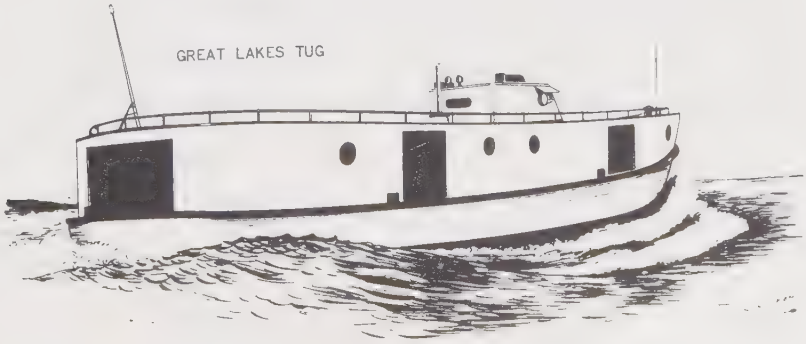
CATCH BY LAKE, STATE, AND GEAR, 1959 - Continued

SPECIES	LAKE SUPERIOR - CONTINUED				LAKE OF THE WOODS	
	MINNESOTA				MINNESOTA	
	GILL NETS		TOTAL		POUND NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
SAUGER	-	-	-	-	700	$104
SMELT	-	-	396,100	$11,884	-	-
SUCKERS	-	-	5,000	88	1,000	21
TULLIBEE	-	-	-	-	37,600	753
WHITEFISH:						
COMMON	1,300	$320	1,300	320	(1)	1
MENOMINEE	4,900	390	4,900	390	-	-
YELLOW PERCH	-	-	-	-	300	26
YELLOW PIKE	-	-	-	-	9,800	2,443
TOTAL	2,571,700	216,740	2,972,800	228,712	142,300	5,415

SPECIES	LAKE OF THE WOODS					
	MINNESOTA - CONTINUED					
	TRAP NETS		FYKE AND HOOP NETS		GILL NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BULLHEADS	1,200	$179	4,300	$643	1,100	$167
BURBOT	214,300	4,284	164,300	7,377	40,200	803
PIKE OR PICKEREL	6,600	467	600	42	36,400	2,545
SAUGER	8,500	1,237	200	23	27,200	3,976
SUCKERS	5,300	106	100	2	54,200	1,081
TULLIBEE	144,800	2,895	100	2	1,070,500	21,410
WHITEFISH, COMMON	100	16	-	-	500	103
YELLOW PERCH	2,400	242	(1)	4	18,200	1,818
YELLOW PIKE	22,300	5,580	1,900	484	186,300	46,583
TOTAL	405,500	15,006	171,500	8,577	1,434,600	78,486

SPECIES	LAKE OF THE WOODS - CONTINUED		NAMAKAN LAKE		RAINY LAKE	
	MINNESOTA - CONTINUED		MINNESOTA		MINNESOTA	
	TOTAL		GILL NETS		GILL NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BULLHEADS	6,800	$1,020	-	-	-	-
BURBOT	507,800	14,244	2,400	$50	30,700	$610
PIKE OR PICKEREL	47,300	3,310	-	-	9,900	990
SAUGER	36,600	5,340	-	-	-	-
SUCKERS	60,600	1,210	2,300	50	43,500	870
TULLIBEE	1,253,000	25,060	9,700	200	20,300	400
WHITEFISH, COMMON	600	120	15,200	2,610	45,100	11,720
YELLOW PERCH	20,900	2,090	-	-	100	10
YELLOW PIKE	220,300	55,090	-	-	20,500	5,750
TOTAL	2,153,900	107,484	29,600	2,910	170,100	20,350

1/ LESS THAN 50 POUNDS OR 50 CENTS.



GREAT LAKES TUG

SECTION 9

MISSISSIPPI RIVER FISHERIES

The 1959 commercial catch of fish and shellfish from the extensive Mississippi River drainage area amounted to 78 million pounds, valued at 7.6 million dollars to the fishermen. Compared with 1958, this was an increase of 4 percent in volume and 3 percent in value. Five items--buffalofish, carp, catfish, sheepshead, and mussel shells--accounted for 89 percent of the catch.

Wisconsin continued to lead the Mississippi River States in volume of production followed by Alabama, Louisiana, and Minnesota. Of the twenty states in the area reporting a commercial catch, these four accounted for close to 60 percent of the total catch in the region.

The Mississippi and Tennessee Rivers were the leading producing waters during 1959, accounting for 33.5 million pounds or 43 percent of the total landings in the region.

The first published survey of the fisheries of the Mississippi River and its tributaries was for the year 1894. Surveys were made at intermittent intervals from then until 1931. As a result of the depression, World War II, and shortage of funds for statistical activities, the next canvass made was for 1950. Since 1954, annual canvasses of the fisheries of the Mississippi River and its tributaries have been conducted. In 1894, the catch amounted to 55.4 million pounds. The largest catch was taken in 1908 when 148.2 million pounds were reported.

The river fisheries have shown remarkably little change over the years. The same species still dominate the catch today as in 1894; and the same types of fishing gears are used. Although game fish were taken in the early fishery, they were never a significant part of the catch. Buffalofish, catfish, carp, and sheepshead have always provided the bulk of the landings. The unique fresh-water mussel fishery persists despite competition from plastics which provide cheaper buttons than those made from mussel shells. The industry has been able to produce and sell other products from mussel shells such as poultry grit and colored chips for fish bowls. In addition, substantial quantities of shell are exported to Japan for use in the production of cultured pearls.

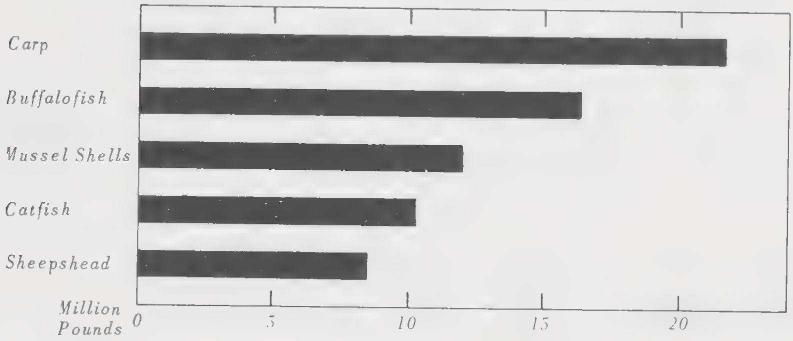
Our nation's expanding economy has caused changes in the habitat from which the fresh-water fishermen takes his catch. Pollution and erosion have lessened the ability of rivers to produce good quantities of desirable quality fish. Many rivers have been dammed to create large lakes. Fishermen have adapted to these changes and are probably fishing more acres of water today than at the turn of the century.

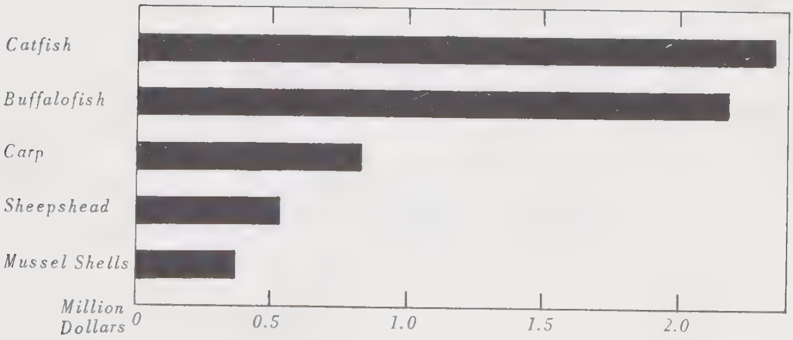
Commercial fishing on the rivers has usually been a part-time or marginal occupation. Early in this century, sport fishing became of sufficient importance to overshadow the commercial use of our fresh-water fishery resource in rivers and inland lakes. As a result, the commercial fisherman lost the right to take game fish for sale and the more efficient fishery methods were declared illegal or the best fishing seasons and areas were denied. However, the commercial fisheries have received benefits as the result of actions by states in changing regulations so as to permit commercial removal of rough fish when biological investigations have shown that the removal of these species improves sport fishing.

The Bureau acknowledges and is grateful for the assistance of the following organizations in the collection of the data appearing in this section: Alabama Department of Conservation, Division of Fish and Game; Arkansas Game and Fish Commission; Illinois

Department of Conservation; Indiana Department of Conservation; Iowa State Conservation Commission; Kansas Forestry, Fish and Game Commission; Kentucky Department of Fish and Wildlife Resources; Louisiana Wildlife and Fisheries Commission; Minnesota Department of Conservation; Mississippi Game and Fish Commission; Missouri Conservation Commission; Montana State Game and Fish Commission; Nebraska Game, Forestation, and Parks Commission; North Dakota Game and Fish Department; Oklahoma Game and Fish Department; South Dakota Department of Game, Fish and Parks; Tennessee Game and Fish Commission; Texas Game and Fish Commission; Wisconsin Conservation Department; and the Tennessee Valley Authority, Fish and Game Branch.

Condensed summary data on the operating units and catch by States of the Mississippi River Fisheries, appearing on the following pages have been previously published in Current Fishery Statistics No. 2457.


CATCH OF CERTAIN SPECIES, 1959


VALUE OF CATCH OF CERTAIN SPECIES, 1959

MISSISSIPPI RIVER FISHERIES

SECTIONAL SUMMARIES

SUMMARY OF CATCH, 1959

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

STATE	FISH		SHELLFISH, ETC.		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
ALABAMA	2,682	478	8,314	293	10,996	771
ARKANSAS	5,619	849	128	45	5,747	894
ILLINOIS	7,202	729	114	4	7,316	733
INDIANA	214	31	8	(1)	222	31
IOWA	4,013	484	-	-	4,013	484
KANSAS	63	16	-	-	63	16
KENTUCKY	2,296	296	734	17	3,030	313
LOUISIANA	9,589	1,393	1,229	359	10,818	1,752
MINNESOTA	9,278	737	-	-	9,278	737
MISSISSIPPI	1,547	245	26	12	1,573	257
MISSOURI	354	35	-	-	354	35
MONTANA	74	5	-	-	74	5
NEBRASKA	372	39	-	-	372	39
NORTH DAKOTA	569	32	-	-	569	32
OKLAHOMA	454	49	-	-	454	49
SOUTH DAKOTA	2,893	160	-	-	2,893	160
TENNESSEE	2,679	440	2,769	130	5,448	570
TEXAS	834	106	2	(1)	836	106
WISCONSIN	13,560	642	1	(1)	13,561	642
WYOMING	45	2	-	-	45	2
TOTAL	64,337	6,768	13,325	860	77,662	7,628

1/ LESS THAN 500 DOLLARS.

SUMMARY OF OPERATING UNITS, 1959

ITEM	ALABAMA	ARKANSAS	ILLINOIS	INDIANA	IOWA	KANSAS
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:						
REGULAR	275	619	201	-	123	3
CASUAL	330	950	455	249	275	69
TOTAL	605	1,569	656	249	398	72
BOATS:						
MOTOR	420	1,442	461	183	328	70
OTHER	185	30	70	-	42	-
GEAR:						
HAUL SEINES, COMMON	-	37	53	28	42	6
LENGTH, YARDS	-	6,900	16,930	4,500	9,000	340
WEIRS	-	-	-	-	15	-
HOOP NETS	2,085	7,926	4,002	710	4,850	-
FYKE NETS	-	227	2,564	-	-	110
POTS, FISH	-	-	3,373	-	3,170	-
GILL NETS, ANCHOR	30	438	27	-	690	2
SQUARE YARDS	7,500	96,200	13,266	-	23,000	240
TRAMMEL NETS	90	297	358	-	161	32
SQUARE YARDS	27,000	74,100	71,722	-	32,200	3,850
LINES:						
LONG OR SET WITH HOOKS	2,040	3,769	196	180	775	105
HOOKS	204,000	178,650	77,375	18,000	73,375	1,119
SNAG	830	1,535	23	15	-	-
HOOKS	369,000	662,500	4,600	3,000	-	-
DIP NETS, COMMON	-	142	-	-	-	-
CROWFOOT BARS	470	24	10	-	-	-

ITEM	KENTUCKY	LOUISIANA	MINNESOTA	MISSISSIPPI	MISSOURI
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:					
REGULAR	81	638	244	161	33
CASUAL	1,271	911	356	315	296
TOTAL	1,352	1,549	600	476	329
BOATS:					
MOTOR	1,327	1,534	233	389	329
OTHER	95	-	34	14	-
GEAR:					
HAUL SEINES, COMMON	45	2	30	3	5
LENGTH, YARDS	9,000	2,000	22,800	1,400	1,250
WEIRS	-	-	61	-	-
POUND NETS	-	-	14	-	-
HOOP NETS	-	16,376	-	1,692	-
FYKE NETS	4,579	-	2,650	108	1,414
POTS, CRAWFISH	-	13,800	-	-	-

(CONTINUED ON NEXT PAGE)

SUMMARY OF OPERATING UNITS, 1959 - Continued

ITEM	KENTUCKY	LOUISIANA	MINNESOTA	MISSISSIPPI	MISSOURI
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
GEAR - CONTINUED:					
GILL NETS, ANCHOR.	-	4,551	296	211	-
SQUARE YARDS	-	571,835	403,900	85,100	-
TRAMMEL NETS	-	1,463	-	68	141
SQUARE YARDS	-	136,764	-	28,000	24,800
LINES:					
LONG OR SET WITH HOOKS . .	2,650	4,127	75	486	218
HOOKS.	265,000	392,120	7,435	111,600	21,800
SNAG	1,690	-	-	55	-
HOOKS.	328,000	-	-	24,700	-
DIP NETS, COMMON	-	279	-	45	-
CROWFOOT BARS.	100	-	-	-	-
GRABS, FROG.	-	174	-	-	-

ITEM	MONTANA	NEBRASKA	NORTH DAKOTA	OKLAHOMA	SOUTH DAKOTA
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:					
REGULAR.	2	23	4	20	14
CASUAL	2	213	13	27	81
TOTAL.	4	236	17	47	95
BOATS:					
MOTOR.	4	221	7	46	27
OTHER.	-	15	-	-	11
GEAR:					
HAUL SEINES, COMMON.	-	31	-	-	11
LENGTH, YARDS.	-	4,000	-	-	10,000
POUND NETS	10	-	-	-	-
HOOP NETS.	-	1,310	-	-	-
FYKE NETS.	6	74	330	-	1,010
GILL NETS, ANCHOR.	-	-	-	203	13
SQUARE YARDS	-	-	-	94,750	8,600
TRAMMEL NETS	-	189	-	26	-
SQUARE YARDS	-	30,240	-	6,500	-

ITEM	TENNESSEE	TEXAS	WISCONSIN	WYOMING	TOTAL
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:					
REGULAR.	361	65	67	-	2,934
CASUAL	650	217	376	4	7,060
TOTAL.	1,011	282	443	4	9,994
BOATS:					
MOTOR.	732	272	354	2	8,381
OTHER.	153	-	88	-	737
GEAR:					
HAUL SEINES, COMMON.	-	-	53	1	347
LENGTH, YARDS.	-	-	25,410	1,000	114,530
OTTER TRAWLS, FISH	-	-	2	-	2
YARDS AT MOUTH	-	-	10	-	10
WEIRS.	-	-	-	-	76
POUND NETS	-	-	-	-	24
TRAP NETS.	-	-	95	-	95
HOOP NETS.	4,517	240	575	-	44,283
FYKE NETS.	2,071	-	240	-	15,383
POTS:					
CRAWFISH	-	-	-	-	13,800
FISH	-	-	897	-	7,440
GILL NETS, ANCHOR.	148	385	1,803	-	8,797
SQUARE YARDS	50,650	58,000	136,300	-	1,549,341
TRAMMEL NETS	386	52	-	-	3,263
SQUARE YARDS	198,450	6,800	-	-	640,426
LINES:					
LONG OR SET WITH HOOKS . .	3,974	600	785	-	19,980
HOOKS.	328,800	18,750	78,500	-	1,776,524
SNAG	1,097	-	-	-	5,245
HOOKS.	418,100	-	-	-	1,809,900
DIP NETS, COMMON	166	-	-	-	632
CROWFOOT BARS.	252	-	-	-	856
GRABS, FROG.	-	-	-	-	174

MISSISSIPPI RIVER FISHERIES

CATCH BY STATES, 1959

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	ALABAMA		ARKANSAS		ILLINOIS	
FISH	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
BOWFIN	-	-	19	1	9	(1)
BUFFALOFISH	811	97	3,212	518	2,484	260
BULLHEADS	-	-	8	1	59	11
CARP	341	17	890	51	2,753	138
CATFISH	1,317	329	851	217	1,031	246
CRAPPIE	-	-	-	-	43	8
GARFISH	-	-	132	7	1	(1)
PADDLEFISH	118	24	30	5	72	8
QUILLBACK	-	-	51	4	29	2
SHEEPSHEAD	86	9	409	43	710	54
STURGEON, SHOVELNOSE	9	2	17	2	7	1
SUCKERS	-	-	-	-	4	1
TOTAL FISH	2,682	478	5,619	849	7,202	729
SHELLFISH, ETC.						
MUSSEL SHELLS	8,314	262	66	2	100	2
PEARLS AND SLUGS	-	31	-	(1)	-	(1)
TURTLES:						
BABY	-	-	5	39	-	-
SLIDER	-	-	28	1	-	-
SNAPPER	-	-	27	3	14	2
SOFT-SHELL	-	-	2	(1)	-	-
TOTAL SHELLFISH, ETC.	8,314	293	128	45	114	4
GRAND TOTAL	10,996	771	5,747	894	7,316	733

SPECIES	INDIANA		IOWA		KANSAS	
FISH	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
BOWFIN	-	-	1	(1)	-	-
BUFFALOFISH	26	3	1,079	140	10	3
BULLHEADS	-	-	33	6	-	-
CARP	55	3	1,460	65	47	12
CATFISH	89	23	814	204	1	(1)
GARFISH	2	(1)	1	(1)	-	-
GIZZARD SHAD	-	-	8	(1)	-	-
PADDLEFISH	2	(1)	19	3	1	(1)
PIKE OR PICKEREL	-	-	21	5	-	-
QUILLBACK	4	(1)	2	(1)	2	1
SHEEPSHEAD	28	2	527	58	-	-
STURGEON, SHOVELNOSE	1	(1)	15	2	1	(1)
SUCKERS	7	(1)	33	1	1	(1)
TOTAL FISH	214	31	4,013	484	63	16
SHELLFISH						
MUSSEL SHELLS	8	(1)	-	-	-	-
PEARLS AND SLUGS	-	(1)	-	-	-	-
TOTAL SHELLFISH	8	(1)	-	-	-	-
GRAND TOTAL	222	31	4,013	484	63	16

SPECIES	KENTUCKY		LOUISIANA		MINNESOTA	
FISH	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
BOWFIN	-	-	121	6	1	(1)
BUFFALOFISH	341	34	3,344	502	644	55
BULLHEADS	-	-	-	-	1,869	141
CARP	282	14	732	36	4,635	103
CATFISH	761	179	3,209	642	26	5
GARFISH	-	-	1,038	52	5	(1)
HERRING, LAKE	-	-	-	-	30	1
MOONEYE	-	-	-	-	104	20
PADDLEFISH	139	15	58	3	-	-
PIKE OR PICKEREL	-	-	-	-	49	8
QUILLBACK	71	4	-	-	15	(1)
SHEEPSHEAD	639	48	1,087	152	547	21
SUCKERS	63	2	-	-	40	1
TULLIBEE	-	-	-	-	41	1
WHITEFISH, COMMON	-	-	-	-	407	117
YELLOW PERCH	-	-	-	-	328	56
YELLOW PIKE	-	-	-	-	537	208
TOTAL FISH	2,296	296	9,589	1,393	9,278	737

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

CATCH BY STATES, 1959 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	KENTUCKY		LOUISIANA		MINNESOTA	
SHELLFISH, ETC.	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
CRAWFISH	-	-	831	125	-	-
MUSSEL SHELLS	734	15	-	-	-	-
PEARLS AND SLUGS	-	2	-	-	-	-
TURTLES:						
BABY	-	-	22	166	-	-
SNAPPER	-	-	257	26	-	-
FROGS	-	-	119	42	-	-
TOTAL SHELLFISH, ETC.	734	17	1,229	359	-	-
GRAND TOTAL	3,030	313	10,818	1,752	9,278	737

SPECIES	MISSISSIPPI		MISSOURI		MONTANA		NEBRASKA	
FISH	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
BOWFIN	18	1	1	(1)	-	-	-	-
BUFFALOFISH	828	128	92	9	74	5	14	2
BULLHEADS	-	-	-	-	-	-	48	1
CARP	202	11	148	8	-	-	251	23
CATFISH	373	93	57	13	-	-	30	12
GARFISH	53	3	7	(1)	-	-	-	-
PADDLEFISH	11	2	13	2	-	-	29	1
QUILLBACK	3	(1)	8	(1)	-	-	-	-
SHEEPSHEAD	59	7	23	2	-	-	-	-
STURGEON, SHOVELNOSE	-	-	3	1	-	-	-	-
SUCKERS	-	-	2	(1)	-	-	-	-
TOTAL FISH	1,547	245	354	35	74	5	372	39
SHELLFISH, ETC.								
TURTLES:								
BABY	1	9	-	-	-	-	-	-
SNAPPER	19	2	-	-	-	-	-	-
SOFT-SHELL	6	1	-	-	-	-	-	-
TOTAL SHELLFISH, ETC.	26	12	-	-	-	-	-	-
GRAND TOTAL	1,573	257	354	35	74	5	372	39

SPECIES	NORTH DAKOTA		OKLAHOMA		SOUTH DAKOTA		TENNESSEE	
FISH	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
BOWFIN	-	-	-	-	-	-	31	2
BUFFALOFISH	51	5	156	21	844	77	789	122
BULLHEADS	248	18	-	-	430	39	9	1
CARP	124	5	202	10	989	35	524	29
CATFISH	-	-	59	15	-	-	1,005	248
GARFISH	-	-	-	-	-	-	5	(1)
PADDLEFISH	-	-	4	1	17	1	111	17
QUILLBACK	-	-	8	(1)	-	-	139	14
SHEEPSHEAD	-	-	14	1	554	7	45	4
STURGEON, SHOVELNOSE	-	-	-	-	-	-	6	1
SUCKERS	128	3	-	-	59	1	12	1
WHITE BASS	-	-	11	1	-	-	-	-
YELLOW BASS	-	-	-	-	-	-	3	1
YELLOW PERCH	18	1	-	-	-	-	-	-
TOTAL FISH	569	32	454	49	2,893	160	2,679	440
SHELLFISH, ETC.								
MUSSEL SHELLS	-	-	-	-	-	-	2,764	87
PEARLS AND SLUGS	-	-	-	-	-	-	-	10
TURTLES, BABY	-	-	-	-	-	-	5	33
TOTAL SHELLFISH, ETC.	-	-	-	-	-	-	2,769	130
GRAND TOTAL	569	32	454	49	2,893	160	5,448	570

SPECIES	TEXAS		WISCONSIN		WYOMING		TOTAL	
FISH	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
BOWFIN	-	-	7	(1)	-	-	208	10
BUFFALOFISH	495	74	1,082	126	-	-	16,376	2,181
BULLHEADS	7	1	79	9	-	-	2,790	228
BURBOT	-	-	28	1	-	-	28	1
CARP	251	13	7,789	251	45	2	21,720	826
CATFISH	66	18	584	111	-	-	10,273	2,355
CRAPPIE	-	-	-	-	-	-	43	8
GARFISH	-	-	29	1	-	-	1,273	63
GIZZARD SHAD	-	-	-	-	-	-	8	(1)
HERRING, LAKE	-	-	-	-	-	-	30	1
MOONEYE	-	-	11	(1)	-	-	115	20
PADDLEFISH	-	-	-	-	-	-	624	82
PIKE OR PICKEREL	-	-	-	-	-	-	70	13

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

CATCH BY STATES, 1959 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	TEXAS		WISCONSIN		WYOMING		TOTAL	
FISH	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
QUILLBACK	2	(1)	76	6	-	-	410	31
SHEEPSHEAD.	5	(1)	3,756	129	-	-	8,489	537
STURGEON, SHOVELNOSE. . . .	-	-	2	(1)	-	-	61	9
SUCKERS	8	(1)	117	8	-	-	474	18
TULLIBEE.	-	-	-	-	-	-	41	1
WHITE BASS.	-	-	-	-	-	-	11	1
WHITEFISH, COMMON	-	-	-	-	-	-	407	117
YELLOW BASS	-	-	-	-	-	-	3	1
YELLOW PERCH.	-	-	-	-	-	-	346	57
YELLOW PIKE	-	-	-	-	-	-	537	208
TOTAL FISH	834	106	13,560	642	45	2	64,337	6,768
SHELLFISH, ETC.								
CRAWFISH.	-	-	-	-	-	-	831	125
MUSSEL SHELLS	-	-	-	-	-	-	11,986	368
PEARLS AND SLUGS.	-	-	-	-	-	-	-	43
TURTLES:								
BABY.	-	-	-	-	-	-	33	247
SLIDER.	-	-	-	-	-	-	28	1
SNAPPER	2	(1)	1	(1)	-	-	320	33
SOFT-SHELL.	-	-	-	-	-	-	8	1
FROGS	-	-	-	-	-	-	119	42
TOTAL SHELLFISH, ETC.	2	(1)	1	(1)	-	-	13,325	860
GRAND TOTAL	836	106	13,561	642	45	2	77,662	7,628

1/ LESS THAN 500 DOLLARS.

NOTE:--CATCH STATISTICS ON THE ALABAMA RIVER AND THE RED LAKE ARE INCLUDED IN THIS TABULATION, ALTHOUGH THEY ARE NOT IN THE MISSISSIPPI DRAINAGE SYSTEM.

CATCH BY WATERS, 1959

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	MISSISSIPPI RIVER		ARKANSAS RIVER		ATCHAFALAYA RIVER	
FISH	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
BOWFIN.	47	2	-	-	70	(2)
BUFFALOFISH	5,409	709	796	126	1,045	157
BULLHEADS	79	12	1	(2)	-	-
CARP.	6,098	284	366	20	149	8
CATFISH	3,231	743	257	64	2,050	410
CRAPPIE	14	3	-	-	-	-
GARFISH	146	6	25	1	373	19
MOONEYE OR GOLDEYE.	11	(2)	-	-	-	-
PADDLEFISH.	130	16	12	2	24	1
PIKE OR PICKEREL.	21	5	-	-	-	-
QUILLBACK	73	7	17	1	-	-
SHEEPSHEAD.	1,692	161	108	11	572	81
STURGEON, SHOVELNOSE. . . .	30	5	5	(2)	-	-
SUCKERS	79	8	-	-	-	-
WHITE BASS.	-	-	11	1	-	-
TOTAL FISH.	17,060	1,961	1,598	226	4,283	679
SHELLFISH, ETC.						
CRAWFISH.	30	5	-	-	801	120
MUSSEL SHELLS	66	2	-	-	-	-
PEARLS AND SLUGS.	-	(2)	-	-	-	-
TURTLES:						
BABY.	7	49	-	-	9	66
SLIDER.	8	(2)	-	-	-	-
SNAPPER	71	8	4	(2)	29	3
SOFT-SHELL.	4	(2)	-	-	-	-
FROGS	13	5	-	-	27	10
TOTAL SHELLFISH, ETC.	199	69	4	(2)	866	199
GRAND TOTAL	17,259	2,030	1,602	226	5,149	878

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

CATCH BY WATERS, 1959 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	ILLINOIS RIVER		MISSOURI RIVER		OHIO RIVER	
FISH	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
BOWFIN	7	(2)	-	-	-	-
BUFFALOFISH	1,071	118	372	45	286	29
BULLHEADS	48	8	-	-	-	-
CARP	1,315	66	326	40	231	12
CATFISH	110	29	86	25	456	109
CRAPPIE	29	5	-	-	-	-
GARFISH	-	-	2	(2)	2	(2)
PADDLEFISH	-	-	22	2	68	8
QUILLBACK	6	(2)	5	1	72	4
SHEEPSHEAD	53	5	5	1	635	48
STURGEON, SHOVELNOSE	-	-	4	(2)	-	-
SUCKERS	-	-	1	(2)	65	2
TOTAL FISH	2,639	231	823	114	1,815	212
SHELLFISH, ETC.						
MUSSEL SHELLS	-	-	-	-	400	9
PEARLS AND SLUGS	-	-	-	-	-	1
TURTLES, SNAPPER	8	1	-	-	-	-
TOTAL SHELLFISH	8	1	-	-	400	10
GRAND TOTAL	2,647	232	823	114	2,215	222

SPECIES	RED LAKE		RED RIVER		TENNESSEE RIVER 1/	
FISH	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
BOWFIN	-	-	33	2	(2)	(2)
BUFFALOFISH	-	-	1,881	279	1,424	192
CARP	-	-	704	34	655	36
CATFISH	2	(2)	614	127	2,392	593
GARFISH	-	-	460	23	3	(2)
MOONEYE OR GOLDEYE	104	20	-	-	-	-
PADDLEFISH	-	-	19	1	286	46
PIKE OR PICKEREL	49	8	-	-	-	-
QUILLBACK	-	-	7	(2)	133	13
SHEEPSHEAD	323	12	321	44	130	12
STURGEON, SHOVELNOSE	-	-	1	(2)	10	2
SUCKERS	-	-	4	(2)	6	(2)
WHITEFISH, COMMON	388	112	-	-	-	-
YELLOW PERCH	302	55	-	-	-	-
YELLOW PIKE	537	208	-	-	-	-
TOTAL FISH	1,705	415	4,044	510	5,039	894
SHELLFISH, ETC.						
MUSSEL SHELLS	-	-	-	-	11,212	347
PEARLS AND SLUGS	-	-	-	-	-	42
TURTLES:						
BABY	-	-	4	32	-	-
SNAPPER	-	-	163	16	-	-
FROGS	-	-	37	13	-	-
TOTAL SHELLFISH, ETC.	-	-	204	61	11,212	389
GRAND TOTAL	1,705	415	4,248	571	16,251	1,283

SPECIES	BOEUF RIVER		CUMBERLAND RIVER		WABASH RIVER	
FISH	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
BOWFIN	1	(2)	-	-	-	-
BUFFALOFISH	97	14	40	6	28	3
BULLHEADS	2	(2)	-	-	-	-
CARP	41	2	45	3	78	4
CATFISH	66	14	102	25	22	6

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

CATCH BY WATERS, 1959 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	BOEUF RIVER		CUMBERLAND RIVER		WABASH RIVER	
FISH	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
GARFISH	36	2	(2)	(2)	-	-
PADDLEFISH	2	(2)	12	2	1	(2)
QUILLBACK	4	(2)	9	1	2	(2)
SHEEPSHEAD	45	6	16	1	10	1
STURGEON, SHOVELNOSE	-	-	3	1	1	(2)
SUCKERS	-	-	7	(2)	1	(2)
TOTAL FISH	294	38	234	39	143	14
SHELLFISH, ETC.						
MUSSEL SHELLS	-	-	200	8	108	2
PEARLS AND SLUGS	-	-	-	(2)	-	(2)
TURTLES:						
BABY	1	7	-	-	-	-
SNAPPER	3	(2)	-	-	-	-
FROGS	7	2	-	-	-	-
TOTAL SHELLFISH, ETC.	11	9	200	8	108	2
GRAND TOTAL	305	47	434	47	251	16

SPECIES	WHITE RIVER		OUACHITA RIVER		INLAND LAKES AND STREAMS	
FISH	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
BOWFIN	-	-	15	1	35	2
BUFFALOFISH	853	145	534	79	2,540	279
BULLHEADS	(2)	(2)	-	-	2,660	208
BURBOT	-	-	-	-	28	1
CARP	219	13	117	5	11,376	299
CATFISH	214	58	177	36	494	116
GARFISH	15	1	84	4	127	7
GIZZARD SHAD	-	-	-	-	8	(2)
HERRING, LAKE	-	-	-	-	30	1
PADDLEFISH	10	2	1	(2)	37	2
QUILLBACK	17	2	2	(2)	63	2
SHEEPSHEAD	146	17	84	12	4,349	125
STURGEON, SHOVELNOSE	7	1	-	-	-	-
SUCKERS	-	-	-	-	311	8
TULLIBEE	-	-	-	-	41	1
WHITEFISH, COMMON	-	-	-	-	19	5
YELLOW BASS	-	-	-	-	3	1
YELLOW PERCH	-	-	-	-	44	2
TOTAL FISH	1,481	239	1,014	137	22,165	1,059
SHELLFISH, ETC.						
TURTLES:						
BABY	-	-	3	26	9	67
SLIDER	-	-	-	-	20	1
SNAPPER	-	-	25	3	17	2
SOFT-SHELL	-	-	-	-	4	1
FROGS	-	-	18	6	17	6
TOTAL SHELLFISH, ETC.	-	-	46	35	67	77
GRAND TOTAL	1,481	239	1,060	172	22,232	1,136

1/ INCLUDES THE CATCH FOR THE ALABAMA RIVER.

2/ LESS THAN 500 POUNDS OR 500 DOLLARS.

NOTE:--CATCH STATISTICS ON THE ALABAMA RIVER AND THE RED LAKE ARE INCLUDED IN THIS TABULATION, ALTHOUGH THEY ARE NOT IN THE MISSISSIPPI RIVER DRAINAGE SYSTEM.

MISSISSIPPI RIVER FISHERIES

WHOLESALING AND MANUFACTURING, 1959

ITEM	ALABAMA	ARKANSAS	ILLINOIS	INDIANA	IOWA	KANSAS	KENTUCKY	LOUISIANA	MINNESOTA	MISSISSIPPI	MISSOURI	NEBRASKA	NORTH DAKOTA	OHIO	OKLAHOMA	SOUTH DAKOTA	TENNESSEE	TEXAS	WISCONSIN	TOTAL
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
WHOLESALING AND MANUFACTURING:																				
ESTABLISHMENTS	15	42	97	8	32	3	26	34	22	21	41	6	3	1	21	2	46	12	39	471
PERSONS ENGAGED:																				
AVERAGE FOR SEASON	116	128	319	48	723	22	116	154	194	41	429	43	24	7	81	4	227	100	303	3,079
AVERAGE FOR YEAR	43	70	203	48	234	22	83	132	117	21	298	41	18	1	69	4	142	88	123	1,757

NOTE:--THERE WERE NO TRANSPORTING CRAFT OPERATING IN 1959.

MANUFACTURED FISHERY PRODUCTS, 1959

ITEM	STATE AND NUMBER OF PLANTS	UNIT	QUANTITY	VALUE
FROZEN PACKAGED FISH AND SHELLFISH, BREADED AND UNBREADED 1/	KENTUCKY (2), MISSOURI (2), TENNESSEE (1), WISCONSIN (1)	POUNDS	9,565,322	$3,910,128
CURED:				
SMOKED FISH AND SHELLFISH:				
CARP.	ILLINOIS (8), IOWA (5), MINNESOTA (1), WISCONSIN (11)	DO	454,000	154,600
CATFISH	ILLINOIS (4), IOWA (1).	DO	1,500	1,135
CHUB.	IOWA (1), MINNESOTA (1), WISCONSIN (1).	DO	10,100	5,430
HALIBUT	IOWA (2), NEBRASKA (1).	DO	28,500	20,250
LAKE TROUT.	MINNESOTA (3), NORTH DAKOTA (1), WISCONSIN (1)	DO	7,800	6,902
MOONEYE	MINNESOTA (2), WISCONSIN (3).	DO	9,400	3,925
PADDLEFISH.	ILLINOIS (4), IOWA (2).	DO	2,500	1,365
SABLEFISH	IOWA (1), MINNESOTA (3), NORTH DAKOTA (1).	DO	11,500	7,545
SALMON (INCLUDING KIPPERED)	IOWA (3), MINNESOTA (2), NORTH DAKOTA (1), WISCONSIN (2)	DO	221,800	175,615
SHEEPSHEAD.	ILLINOIS (4), IOWA (1), WISCONSIN (1) .	DO	3,000	1,050
STURGEON.	ILLINOIS (8), IOWA (4), MINNESOTA (1), WISCONSIN (3).	DO	46,500	37,605
WHITEFISH	IOWA (1), MINNESOTA (3), NORTH DAKOTA (1), WISCONSIN (1)	DO	60,900	34,730
WHITING	IOWA (3), MINNESOTA (1), NEBRASKA (2) .	DO	393,000	151,570
MISCELLANEOUS 2/.	ILLINOIS (2), IOWA (1), MINNESOTA (3) .	DO	44,300	27,339
SALTED AND PICKLED (INCLUDING LUTEFISK):				
ANCHOVIES	MINNESOTA (3)	DO	5,625	3,712
HERRING, SEA (FILLETS, WHOLE, AND SPECIALTIES). .	MINNESOTA (4), MISSOURI (1), WISCONSIN (2).	DO	1,407,674	754,985
MISCELLANEOUS 3/.	MINNESOTA (3), ILLINOIS (1)	DO	956,380	216,211
MUSSEL-SHELL PRODUCTS:				
BUTTONS AND BLANKS.	ILLINOIS (1), IOWA (6), MISSOURI (1). .	GROSS	1,050,670	1,145,142
POULTRY GRIT.	IOWA (4).	TONS	8,046	9,038
LIME AND DUST	IOWA (4).	DO	1,378	11,317
CHIPS AND CUT SHELL	IOWA (3), ILLINOIS (1).	DO	1,111	54,414
OTHER PRODUCTS 4/	IOWA (1), OHIO (1), WISCONSIN (1) . . .	-	-	74,897
TOTAL		-	-	6,808,905

1/ INCLUDES FROZEN BREADED FLOUNDER AND WHITING FILLETS, POLLOCK STEAKS, SHRIMP, OYSTERS, SCALLOPS, FISH STICKS AND PORTIONS; FROZEN FROG LEGS AND TURTLE STEAKS. 2/ INCLUDES SMOKED BOWFIN, BUFFALOFISH, CISCO, EEL, LAKE HERRING, TULLIBEE, AND SHRIMP. 3/ INCLUDES SALTED MACKEREL FILLETS, SABLEFISH, AND CAVIAR; LUTEFISK (FROM DRIED COD). 4/ INCLUDES CANNED TURTLE SOUP AND WHITEFISH CAVIAR; AND MARINE PEARL-SHELL BUTTONS.

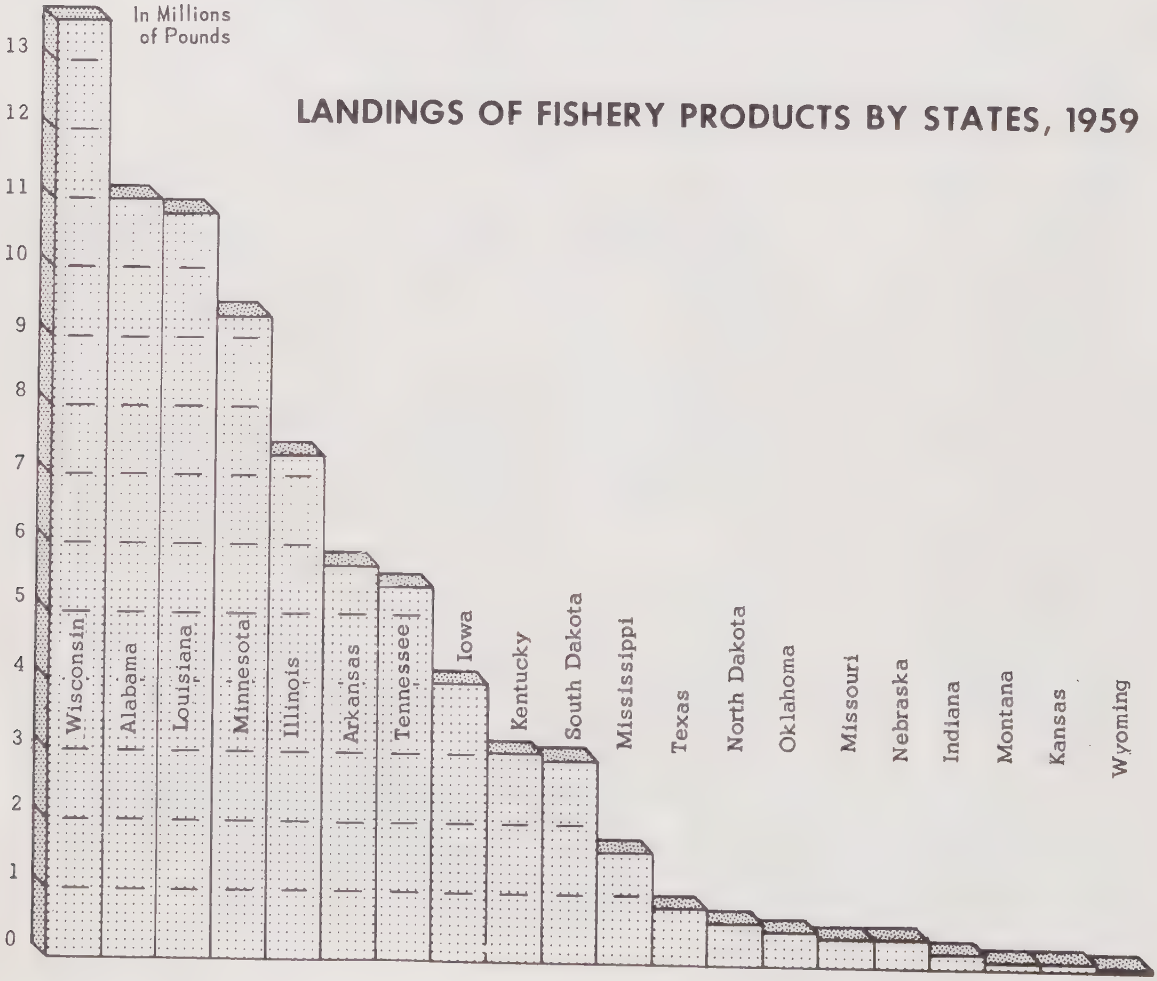
NOTE:--SOME OF THE ABOVE PRODUCTS MAY HAVE BEEN MANUFACTURED FROM RAW PRODUCTS IMPORTED FROM ANOTHER STATE OR A FOREIGN COUNTRY; THEREFORE, THEY CANNOT BE CORRELATED DIRECTLY WITH THE CATCH WITHIN THE STATE.

SUMMARY OF PRODUCTION, BY COMMODITIES, 1959

SUMMARY OF ITEMS		QUANTITY	VALUE
FROZEN PACKAGED FISH AND SHELLFISH, COOKED AND RAW (BREADED AND UNBREADED) .	POUNDS	9,565,322	$3,910,128
CURED:			
SALTED AND PICKLED AND LUTEFISK	DO	2,369,679	974,908
SMOKED.	DO	1,294,800	629,061
MUSSEL-SHELL PRODUCTS	-	-	1,219,911
MISCELLANEOUS PRODUCTS (CANNED TURTLE SOUP AND WHITEFISH CAVIAR; AND MARINE PEARL-SHELL BUTTONS).	-	-	74,897
TOTAL	-	-	6,808,905

SUMMARY OF VALUE, BY STATES, 1959

STATE	VALUE
ILLINOIS.	$141,989
IOWA.	1,519,905
KENTUCKY, OHIO, NORTH DAKOTA.	616,295
MINNESOTA	888,655
MISSOURI.	3,345,649
NEBRASKA, TENNESSEE	131,405
WISCONSIN	165,007
TOTAL	6,808,905



LANDINGS OF FISHERY PRODUCTS BY STATES, 1959

MISSISSIPPI RIVER FISHERIES

ALABAMA

OPERATING UNITS BY GEAR, 1959

ITEM	HOOP NETS	GILL NETS, ANCHOR	TRAMMEL NETS	LINES		CROWFOOT BARS	TOTAL, EXCLUSIVE OF DUPLICATION
				LONG OR SET WITH HOOKS	SNAG		
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:							
REGULAR	110	10	50	150	60	100	275
CASUAL	145	10	80	180	115	85	330
TOTAL	255	20	130	330	175	185	605
BOATS:							
MOTOR	255	15	90	330	175	-	420
OTHER	-	-	-	-	-	185	185
GEAR:							
NUMBER	2,085	30	90	2,040	830	470	-
SQUARE YARDS	-	7,500	27,000	-	-	-	-
HOOKS	-	-	-	204,000	369,000	-	-

ALABAMA - CATCH BY GEAR, 1959

SPECIES	HOOP NETS		GILL NETS, ANCHOR		TRAMMEL NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH	305,000	$36,600	46,000	$5,520	394,000	$47,280
CARP	85,000	4,250	55,800	2,790	157,000	7,850
CATFISH	127,700	31,925	14,000	3,500	105,000	26,250
PADDLEFISH	5,500	1,100	22,900	4,580	18,500	3,700
SHEEPSHEAD	51,000	5,100	4,000	400	11,000	1,100
STURGEON, SHOVELNOSE	-	-	-	-	2,000	400
TOTAL	574,200	78,975	142,700	16,790	687,500	86,580

SPECIES	LINES			
	LONG OR SET WITH HOOKS		SNAG	
	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH	42,000	$5,040	23,800	$2,856
CARP	28,000	1,400	15,000	750
CATFISH	585,000	146,250	485,000	121,250
PADDLEFISH	-	-	71,000	14,200
SHEEPSHEAD	16,000	1,600	4,400	440
STURGEON, SHOVELNOSE	2,700	540	4,400	880
TOTAL	673,700	154,830	603,600	140,376

SPECIES	CROWFOOT BARS		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH	-	-	810,800	$97,296
CARP	-	-	340,800	17,040
CATFISH	-	-	1,316,700	329,175
PADDLEFISH	-	-	117,900	23,580
SHEEPSHEAD	-	-	86,400	8,640
STURGEON, SHOVELNOSE	-	-	9,100	1,820
MUSSEL SHELLS	8,314,000	$262,410	8,314,000	262,410
PEARLS AND SLUGS	-	31,178	-	31,178
TOTAL	8,314,000	293,588	10,995,700	771,139

NOTE:--THE INLAND COMMERCIAL FISHERIES OF ALABAMA ARE CONFINED TO THE TENNESSEE RIVER.

MISSISSIPPI RIVER FISHERIES

ARKANSAS

OPERATING UNITS BY GEAR, 1959

ITEM	HAUL SEINES, COMMON	HOOP NETS, FISH	FYKE NETS, FISH	GILL NETS, ANCHOR	TRAMMEL NETS
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:					
REGULAR.	46	494	107	160	171
CASUAL	29	505	16	113	85
TOTAL	75	999	123	273	256
BOATS, MOTOR	55	999	123	253	229
GEAR:					
NUMBER	37	7,926	227	438	297
LENGTH, YARDS.	6,900	-	-	-	-
SQUARE YARDS	-	-	-	96,200	74,100

ITEM	LINES		DIP NETS, COMMON	CROWFOOT BARS	BY HAND	TOTAL, EXCLUSIVE OF DUPLICATION
	LONG OR SET WITH HOOKS	SNAG				
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:						
REGULAR.	392	239	22	-	-	619
CASUAL	382	189	120	12	25	950
TOTAL	774	428	142	12	25	1,569
BOATS:						
MOTOR.	774	428	72	-	-	1,442
OTHER.	-	-	18	12	-	30
GEAR:						
NUMBER	3,769	1,535	142	24	-	-
HOOKS.	178,650	662,500	-	-	-	-

ARKANSAS - CATCH BY GEAR, 1959

SPECIES	HAUL SEINES		HOOP AND FYKE NETS		GILL NETS, ANCHOR	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN	700	$42	7,800	$460	800	$48
BUFFALOFISH.	54,000	8,846	1,303,600	209,841	918,900	147,324
BULLHEADS.	700	84	1,100	132	-	-
CARP	47,000	2,796	441,000	24,910	126,300	7,098
CATFISH.	3,600	920	117,300	30,071	17,400	4,368
GARFISH.	21,500	1,075	15,600	780	18,700	935
PADDLEFISH	300	54	2,700	417	3,200	516
QUILLBACK.	3,300	278	36,900	3,117	700	56
SHEEPSHEAD	11,700	1,224	179,500	19,072	49,700	4,884
STURGEON, SHOVELNOSE	-	-	1,500	195	-	-
TURTLES:						
SLIDER	2,000	100	7,500	375	1,000	50
SNAPPER.	1,000	100	3,200	320	2,500	250
SOFT SHELL	-	-	1,000	100	500	50
TOTAL	145,800	15,519	2,118,700	289,790	1,139,700	165,579

SPECIES	TRAMMEL NETS		LINES			
			LONG OR SET WITH HOOKS		SNAG	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN	3,400	$204	2,200	$132	4,600	$276
BUFFALOFISH.	787,100	127,491	46,000	7,154	102,800	16,852
BULLHEADS.	-	-	3,800	456	1,900	228
CARP	150,300	8,858	39,500	2,146	85,700	5,118
CATFISH.	45,800	11,604	330,800	84,400	336,600	85,800
GARFISH.	51,000	2,550	13,300	665	11,500	575
PADDLEFISH	3,500	555	-	-	20,500	3,270
QUILLBACK.	500	30	5,700	512	3,600	294
SHEEPSHEAD	39,800	4,078	67,400	7,052	60,900	6,272
STURGEON, SHOVELNOSE	-	-	7,200	1,014	8,300	1,185
TURTLES:						
SLIDER	500	25	500	25	1,400	70
SNAPPER.	5,000	500	12,500	1,250	3,000	300
TOTAL	1,086,900	155,895	528,900	104,806	640,800	120,240

(CONTINUED ON NEXT PAGE)

ARKANSAS - CATCH BY GEAR, 1959 - Continued

SPECIES	DIP NETS		CROWFOOT BARS		BY HAND	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
MUSSEL SHELLS	-	-	62,000	$2,040	4,000	$90
PEARLS AND SLUGS	-	-	-	232	-	15
TURTLES:						
BABY	4,600	$34,500	-	-	600	4,875
SLIDER	15,000	750	-	-	-	-
TOTAL	19,600	35,250	62,000	2,272	4,600	4,980

ARKANSAS - CATCH BY WATERS, 1959

SPECIES	MISSISSIPPI RIVER AND TRIBUTARIES		ARKANSAS RIVER AND TRIBUTARIES		BOEUF RIVER		OUACHITA RIVER	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN	14,300	$858	-	-	800	$40	-	-
BUFFALOFISH	1,206,000	192,960	730,500	$116,680	19,400	2,716	115,500	$16,163
BULLHEADS	2,000	240	700	84	1,600	192	-	-
CARP	208,500	12,510	203,500	12,210	14,600	584	50,900	2,034
CATFISH	301,000	75,250	213,000	53,250	7,400	1,850	14,700	3,675
GARFISH	41,000	2,050	25,000	1,250	500	25	2,700	135
PADDLEFISH	11,700	1,755	8,800	1,320	-	-	-	-
QUILLBACK	11,900	952	15,700	1,256	4,000	240	1,600	117
SHEEPSHEAD	106,500	10,650	95,000	9,500	8,300	664	7,500	600
STURGEON, SHOVELNOSE	4,500	675	4,700	564	-	-	-	-
MUSSEL SHELLS	66,000	2,130	-	-	-	-	-	-
PEARLS AND SLUGS	-	247	-	-	-	-	-	-
TURTLES:								
BABY	3,600	27,000	-	-	-	-	-	-
SLIDER	8,000	400	-	-	-	-	-	-
SNAPPER	23,500	2,350	3,700	370	-	-	-	-
SOFT-SHELL	1,500	150	-	-	-	-	-	-
TOTAL	2,010,000	330,177	1,300,600	196,484	56,600	6,311	192,900	22,724

SPECIES	RED RIVER AND TRIBUTARIES		WHITE RIVER AND TRIBUTARIES		INLAND LAKES AND STREAMS		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN	-	-	-	-	4,400	$264	19,500	$1,162
BUFFALOFISH	105,000	$14,700	852,900	$144,993	183,100	29,296	3,212,400	517,508
BULLHEADS	-	-	700	84	2,500	300	7,500	900
CARP	57,500	2,300	219,100	13,146	135,700	8,142	889,800	50,926
CATFISH	42,000	10,500	214,400	57,888	59,000	14,750	851,500	217,163
GARFISH	4,500	225	15,700	785	42,200	2,110	131,600	6,580
PADDLEFISH	-	-	9,700	1,737	-	-	30,200	4,812
QUILLBACK	700	42	16,800	1,680	-	-	50,700	4,287
SHEEPSHEAD	9,000	720	145,800	17,496	36,900	2,952	409,000	42,582
STURGEON, SHOVELNOSE	500	60	7,300	1,095	-	-	17,000	2,394
MUSSEL SHELLS	-	-	-	-	-	-	66,000	2,130
PEARLS AND SLUGS	-	-	-	-	-	-	-	247
TURTLES:								
BABY	-	-	-	-	1,600	12,375	5,200	39,375
SLIDER	-	-	-	-	19,900	995	27,900	1,395
SNAPPER	-	-	-	-	-	-	27,200	2,720
SOFT-SHELL	-	-	-	-	-	-	1,500	150
TOTAL	219,200	28,547	1,482,400	238,904	485,300	71,184	5,747,000	894,331

MISSISSIPPI RIVER FISHERIES

ILLINOIS

OPERATING UNITS BY GEAR, 1959

ITEM	HAUL SEINES, COMMON	HOOP NETS, FISH	FYKE NETS, FISH	POTS AND TRAPS	GILL NETS, ANCHOR
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:					
REGULAR	71	121	55	92	20
CASUAL	94	225	115	135	29
TOTAL	165	346	170	227	49
BOATS:					
MOTOR	65	255	111	170	30
OTHER	65	-	-	-	-
GEAR:					
NUMBER	53	4,002	2,564	3,373	27
LENGTH, YARDS	16,930	-	-	-	-
SQUARE YARDS	-	-	-	-	13,266

ITEM	TRAMMEL NETS	LINES		CROWFOOT BARS	TOTAL, EXCLUSIVE OF DUPLICATION
		LONG OR SET WITH HOOKS	SNAG		
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:					
REGULAR	126	61	-	5	201
CASUAL	151	113	5	-	455
TOTAL	277	174	5	5	656
BOATS:					
MOTOR	164	140	5	-	461
OTHER	-	-	-	5	70
GEAR:					
NUMBER	358	196	23	10	-
SQUARE YARDS	71,722	-	-	-	-
HOOKS	-	77,375	4,600	-	-

ILLINOIS - CATCH BY GEAR, 1959

SPECIES	HAUL SEINES		HOOP AND FYKE NETS		POTS AND TRAPS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN	-	-	8,600	$258	-	-
BUFFALOFISH	492,100	$51,320	1,205,400	126,564	-	-
BULLHEADS	5,600	952	29,400	5,064	13,500	$2,752
CARP	763,900	38,195	1,076,300	53,815	4,000	200
CATFISH	29,100	6,909	339,700	82,055	431,200	102,172
CRAPPIE	2,600	481	37,900	6,803	-	-
GARFISH	900	36	-	-	-	-
PADDLEFISH	20,400	2,244	4,800	528	-	-
QUILLBACK	7,000	350	19,000	1,048	-	-
SHEEPSHEAD	200,600	15,159	387,700	29,863	700	53
STURGEON, SHOVELNOSE	-	-	1,700	357	-	-
SUCKERS	3,300	990	600	18	-	-
TURTLES, SNAPPER	-	-	14,500	2,167	-	-
TOTAL	1,525,500	116,636	3,125,600	308,540	449,400	105,177

SPECIES	GILL NETS, ANCHOR		TRAMMEL NETS	
	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH	90,500	$9,050	692,700	$72,337
BULLHEADS	-	-	2,000	340
CARP	65,300	3,265	831,100	41,555
CATFISH	1,400	329	55,500	13,338
CRAPPIE	-	-	2,000	340
PADDLEFISH	21,900	2,409	24,000	2,640
QUILLBACK	-	-	3,300	165
SHEEPSHEAD	2,600	195	112,400	8,514
STURGEON, SHOVELNOSE	-	-	5,000	1,050
TOTAL	181,700	15,248	1,728,000	140,279

(CONTINUED ON NEXT PAGE)

ILLINOIS - CATCH BY GEAR, 1959 - Continued

SPECIES	LINES				CROWFOOT BARS	
	LONG OR SET WITH HOOKS		SNAG			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH	2,300	$244	1,400	$154	-	-
BULLHEADS	8,600	1,462	-	-	-	-
CARP	11,300	565	1,500	75	-	-
CATFISH	173,500	41,238	500	130	-	-
PADDLEFISH	-	-	800	83	-	-
SHEEPSHEAD	5,900	474	-	-	-	-
MUSSEL SHELLS	-	-	-	-	100,000	$2,250
PEARLS AND SLUGS	-	-	-	-	-	325
TOTAL	201,600	43,983	4,200	442	100,000	2,575

ILLINOIS - CATCH BY WATERS, 1959

SPECIES	MISSISSIPPI RIVER AND TRIBUTARIES		ILLINOIS RIVER AND TRIBUTARIES		WABASH RIVER AND TRIBUTARIES	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN	-	-	6,800	$204	-	-
BUFFALOFISH	1,361,500	$136,150	1,071,300	117,843	14,900	$1,639
BULLHEADS	9,500	2,138	48,100	8,177	-	-
CARP	1,346,000	67,300	1,314,400	65,720	49,200	2,460
CATFISH	874,600	205,533	110,100	28,626	13,700	3,562
CRAPPIE	13,300	2,660	29,200	4,964	-	-
GARFISH	900	36	-	-	-	-
PADDLEFISH	71,100	7,821	-	-	-	-
QUILLBACK	19,500	975	5,900	354	1,900	114
SHEEPSHEAD	642,300	48,174	53,400	4,806	5,300	477
STURGEON, SHOVELNOSE	6,700	1,407	-	-	-	-
SUCKERS	3,300	990	-	-	-	-
MUSSEL SHELLS	-	-	-	-	100,000	2,250
PEARLS AND SLUGS	-	-	-	-	-	325
TURTLES, SNAPPER	6,300	943	8,200	1,224	-	-
TOTAL	4,355,000	474,127	2,647,400	231,918	185,000	10,827

SPECIES	OHIO RIVER		INLAND LAKES AND STREAMS		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN	-	-	1,800	$54	8,600	$258
BUFFALOFISH	11,600	$1,276	25,100	2,761	2,484,400	259,669
BULLHEADS	-	-	1,500	255	59,100	10,570
CARP	15,300	765	28,500	1,425	2,753,400	137,670
CATFISH	32,000	8,320	500	130	1,030,900	246,171
CRAPPIE	-	-	-	-	42,500	7,624
GARFISH	-	-	-	-	900	36
PADDLEFISH	800	83	-	-	71,900	7,904
QUILLBACK	2,000	120	-	-	29,300	1,563
SHEEPSHEAD	8,900	801	-	-	709,900	54,258
STURGEON, SHOVELNOSE	-	-	-	-	6,700	1,407
SUCKERS	600	18	-	-	3,900	1,008
MUSSEL SHELLS	-	-	-	-	100,000	2,250
PEARLS AND SLUGS	-	-	-	-	-	325
TURTLES, SNAPPER	-	-	-	-	14,500	2,167
TOTAL	71,200	11,383	57,400	4,625	7,316,000	732,880

MISSISSIPPI RIVER FISHERIES

INDIANA

OPERATING UNITS BY GEAR, 1959

ITEM	HAUL SEINES, COMMON	HOOP NETS, FISH	LINES		BY HAND	TOTAL, EXCLUSIVE OF DUPLICATION
			LONG OR SET WITH HOOKS	SNAG		
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE, CASUAL, TOTAL	56	166	50	15	28	249
BOATS, MOTOR	28	128	50	15	-	183
GEAR:						
NUMBER	28	710	180	15	-	-
LENGTH, YARDS.	4,500	-	-	-	-	-
HOOKS.	-	-	18,000	3,000	-	-

INDIANA - CATCH BY GEAR, 1959

SPECIES	HAUL SEINES		HOOP NETS	
	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH.	10,000	$1,000	10,200	$1,020
CARP	23,000	1,150	30,800	1,540
CATFISH.	1,000	250	70,000	17,500
PADDLEFISH	700	120	1,000	110
QUILLBACK.	-	-	3,600	144
SHEEPSHEAD	4,000	280	19,400	1,358
STURGEON, SHOVELNOSE	1,000	100	-	-
SUCKERS.	1,000	50	2,600	78
TOTAL.	40,700	2,950	137,600	21,750

SPECIES	LINES				BY HAND	
	LONG OR SET WITH HOOKS		SNAG			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH.	4,900	$490	1,000	$100	-	-
CARP	1,200	60	-	-	-	-
CATFISH.	16,100	4,020	2,000	500	-	-
GARFISH.	-	-	2,000	80	-	-
QUILLBACK.	1,000	40	-	-	-	-
SHEEPSHEAD	4,800	336	-	-	-	-
SUCKERS.	1,000	30	2,000	60	-	-
MUSSEL SHELLS.	-	-	-	-	8,000	$160
PEARLS AND SLUGS	-	-	-	-	-	25
TOTAL	29,000	4,976	7,000	740	8,000	185

INDIANA - CATCH BY WATERS, 1959

SPECIES	OHIO RIVER		WABASH RIVER		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH.	13,100	$1,310	13,000	$1,300	26,100	$2,610
CARP	26,000	1,300	29,000	1,450	55,000	2,750
CATFISH.	81,100	20,270	8,000	2,000	89,100	22,270
GARFISH.	2,000	80	-	-	2,000	80
PADDLEFISH	1,000	110	700	120	1,700	230
QUILLBACK.	4,600	184	-	-	4,600	184
SHEEPSHEAD	23,000	1,610	5,200	364	28,200	1,974
STURGEON, SHOVELNOSE	-	-	1,000	100	1,000	100
SUCKERS.	5,600	168	1,000	50	6,600	218
MUSSEL SHELLS.	-	-	8,000	160	8,000	160
PEARLS AND SLUGS	-	-	-	25	-	25
TOTAL	156,400	25,032	65,900	5,569	222,300	30,601

MISSISSIPPI RIVER FISHERIES

IOWA

OPERATING UNITS BY GEAR, 1959

ITEM	HAUL SEINES, COMMON	WEIRS	HOOP NETS, FISH	POTS AND TRAPS
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:				
REGULAR.	47	5	55	57
CASUAL	40	-	144	126
TOTAL	87	5	199	183
BOATS:				
MOTOR.	42	-	199	183
OTHER.	42	-	-	-
GEAR:				
NUMBER	42	15	4,850	3,170
LENGTH, YARDS.	9,000	-	-	-

ITEM	GILL NETS, ANCHOR	TRAMMEL NETS	LINES, LONG OR SET WITH HOOKS	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:				
REGULAR.	45	40	58	123
CASUAL	165	59	207	275
TOTAL	210	99	265	398
BOATS:				
MOTOR.	210	99	245	328
OTHER.	-	-	-	42
GEAR:				
NUMBER	690	161	775	-
SQUARE YARDS	23,000	32,200	-	-
HOOKS.	-	-	73,375	-

IOWA - CATCH BY GEAR, 1959

SPECIES	HAUL SEINES		WEIRS		HOOP NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN	1,000	$50	-	-		-
BUFFALOFISH.	263,000	33,067	-	-	743,600	$96,668
BULLHEADS.	200	34	-	-	13,900	2,363
CARP	632,500	20,336	100,000	$1,500	650,800	38,324
CATFISH.	50,000	13,000	-	-	309,800	77,450
GARFISH.	1,000	50	-	-	-	-
GIZZARD SHAD	8,000	40	-	-	-	-
PADDLEFISH	12,600	2,016	-	-	6,700	1,139
PIKE OR PICKEREL	700	154	-	-	18,900	4,347
QUILLBACK.	1,500	75	-	-	-	-
SHEEPSHEAD	214,100	23,443	-	-	293,400	32,241
STURGEON, SHOVELNOSE	2,800	504	-	-	9,400	1,452
SUCKERS.	1,100	44	-	-	31,300	1,252
TOTAL	1,188,500	92,813	100,000	1,500	2,077,800	255,236

(CONTINUED ON NEXT PAGE)

IOWA - CATCH BY GEAR, 1959 - Continued

SPECIES	POTS AND TRAPS		GILL NETS, ANCHOR	
	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH	-	-	20,000	$2,800
BULLHEADS	15,000	$2,550	-	-
CARP	-	-	20,000	1,200
CATFISH	319,000	79,750	-	-
SHEEPSHEAD	-	-	10,000	1,200
TOTAL	334,000	82,300	50,000	5,200

SPECIES	TRAMMEL NETS		LINES, LONG OR SET WITH HOOKS	
	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH	50,900	$6,986	1,500	$195
BULLHEADS	-	-	3,400	578
CARP	44,700	2,742	11,900	714
CATFISH	4,600	1,176	130,900	32,450
PIKE OR PICKEREL	1,200	264	-	-
SHEEPSHEAD	3,100	372	6,600	726
STURGEON, SHOVELNOSE	1,400	252	1,600	272
SUCKERS	800	32	-	-
TOTAL	106,700	11,824	155,900	34,935

IOWA - CATCH BY WATERS, 1959

SPECIES	MISSISSIPPI RIVER		MISSOURI RIVER		INLAND LAKES AND STREAMS		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN	1,000	$50	-	-	-	-	1,000	$50
BUFFALOFISH	1,015,300	134,813	23,200	$2,986	40,500	$1,917	1,079,000	139,716
BULLHEADS	32,500	5,525	-	-	-	-	32,500	5,525
CARP	911,600	54,696	81,400	4,220	466,900	5,900	1,459,900	64,816
CATFISH	780,800	195,451	33,500	8,375	-	-	814,300	203,826
GARFISH	1,000	50	-	-	-	-	1,000	50
GIZZARD SHAD	-	-	-	-	8,000	40	8,000	40
PADDLEFISH	19,300	3,155	-	-	-	-	19,300	3,155
PIKE OR PICKEREL	20,800	4,765	-	-	-	-	20,800	4,765
QUILLBACK	1,500	75	-	-	-	-	1,500	75
SHEEPSHEAD	505,100	57,623	1,100	88	21,000	271	527,200	57,982
STURGEON, SHOVELNOSE	13,900	2,405	1,300	75	-	-	15,200	2,480
SUCKERS	33,200	1,328	-	-	-	-	33,200	1,328
TOTAL	3,336,000	459,936	140,500	15,744	536,400	8,128	4,012,900	483,808

MISSISSIPPI RIVER FISHERIES

KANSAS

OPERATING UNITS BY GEAR, 1959

ITEM	HAUL SEINES, COMMON	FYKE NETS, FISH	GILL NETS, ANCHOR	TRAMMEL NETS	LINES, LONG OR SET WITH HOOKS	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:						
REGULAR	1	2	-	2	1	3
CASUAL	6	27	2	33	21	69
TOTAL	7	29	2	35	22	72
BOATS, MOTOR	7	28	2	35	19	70
GEAR:						
NUMBER	6	110	2	32	105	-
LENGTH, YARDS	340	-	-	-	-	-
SQUARE YARDS	-	-	240	3,850	-	-
HOOKS	-	-	-	-	1,119	-

KANSAS - CATCH BY GEAR, 1959

SPECIES	HAUL SEINES		FYKE NETS		GILL NETS, ANCHOR	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH	400	$106	3,200	$960	600	$170
CARP	1,900	480	23,200	5,800	1,400	350
QUILLBACK	-	-	1,200	346	-	-
SUCKERS	-	-	500	100	-	-
TOTAL	2,300	586	28,100	7,206	2,000	520

SPECIES	TRAMMEL NETS		LINES, LONG OR SET WITH HOOKS		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH	5,400	$1,608	1,100	$328	10,700	$3,172
CARP	18,800	4,701	1,500	377	46,800	11,708
CATFISH	-	-	1,000	365	1,000	365
PADDLEFISH	1,400	480	-	-	1,400	480
QUILLBACK	700	211	500	150	2,400	707
STURGEON, SHOVELNOSE	-	-	500	94	500	94
SUCKERS	-	-	-	-	500	100
TOTAL	26,300	7,000	4,600	1,314	63,300	16,626

NOTE:--THE COMMERCIAL FISHERIES OF KANSAS ARE CONFINED TO THE MISSOURI RIVER.

KENTUCKY

OPERATING UNITS BY GEAR, 1959

ITEM	HAUL SEINES, COMMON	FYKE NETS, FISH	LINES		CROWFOOT BARS	TOTAL, EXCLUSIVE OF DUPLICATION
			LONG OR SET WITH HOOKS	SNAG		
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:						
REGULAR	35	81	75	76	-	81
CASUAL	65	1,224	963	528	50	1,271
TOTAL	100	1,305	1,038	604	50	1,352
BOATS:						
MOTOR	45	1,305	1,038	604	-	1,327
OTHER	45	-	-	-	50	95
GEAR:						
NUMBER	45	4,579	2,650	1,690	100	-
LENGTH, YARDS	9,000	-	-	-	-	-
HOOKS	-	-	265,000	328,000	-	-

KENTUCKY - CATCH BY GEAR, 1959

SPECIES	HAUL SEINES		FYKE NETS	
	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH	17,000	$1,700	236,500	$23,650
CARP	20,100	1,005	202,500	10,125
CATFISH	7,600	1,787	359,200	84,413
PADDLEFISH	-	-	60,800	6,688
QUILLBACK	-	-	69,600	3,480
SHEEPSHEAD	2,000	150	582,200	43,667
SUCKERS	1,500	45	58,200	1,746
TOTAL	48,200	4,687	1,569,000	173,769

SPECIES	LINES				CROWFOOT BARS	
	LONG OR SET WITH HOOKS		SNAG			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH	30,800	$3,080	56,600	$5,660	-	-
CARP	29,000	1,450	30,000	1,500	-	-
CATFISH	182,400	42,865	212,200	49,866	-	-
PADDLEFISH	3,400	374	75,200	8,272	-	-
QUILLBACK	-	-	1,000	50	-	-
SHEEPSHEAD	45,700	3,429	8,800	661	-	-
SUCKERS	1,000	30	2,000	60	-	-
MUSSEL SHELLS	-	-	-	-	734,500	$15,075
PEARLS AND SLUGS	-	-	-	-	-	2,388
TOTAL	292,300	51,228	385,800	66,069	734,500	17,463

KENTUCKY - CATCH BY WATERS, 1959

SPECIES	MISSISSIPPI RIVER		CUMBERLAND RIVER		OHIO RIVER AND TRIBUTARIES	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH	25,000	$2,500	3,500	$350	261,500	$26,150
CARP	43,300	2,165	7,400	370	189,100	9,455
CATFISH	32,900	7,732	39,000	9,165	343,200	80,653
PADDLEFISH	1,000	110	3,700	407	65,900	7,249
QUILLBACK	-	-	3,200	160	65,400	3,270
SHEEPSHEAD	7,400	556	7,900	593	603,500	45,264
SUCKERS	1,000	30	2,000	60	58,700	1,761
MUSSEL SHELLS	-	-	-	-	400,000	9,000
PEARLS AND SLUGS	-	-	-	-	-	1,300
TOTAL	110,600	13,093	66,700	11,105	1,987,300	184,102

SPECIES	TENNESSEE RIVER		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH	50,900	$5,090	340,900	$34,090
CARP	41,800	2,090	281,600	14,080
CATFISH	346,300	81,381	761,400	178,931
PADDLEFISH	68,800	7,568	139,400	15,334
QUILLBACK	2,000	100	70,600	3,530
SHEEPSHEAD	19,900	1,494	638,700	47,907
SUCKERS	1,000	30	62,700	1,881
MUSSEL SHELLS	334,500	6,075	734,500	15,075
PEARLS AND SLUGS	-	1,088	-	2,388
TOTAL	865,200	104,916	3,029,800	313,216

MISSISSIPPI RIVER FISHERIES

LOUISIANA

OPERATING UNITS BY GEAR, 1959

ITEM	HAUL SEINES, COMMON	HOOP NETS, FISH	POTS AND TRAPS	GILL NETS, ANCHOR	TRAMMEL NETS
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:					
REGULAR	3	626	104	597	346
CASUAL	-	548	336	409	173
TOTAL	3	1,174	440	1,006	519
BOATS, MOTOR	1	1,163	440	995	514
GEAR:					
NUMBER	2	16,376	13,800	4,551	1,463
LENGTH, YARDS	2,000	-	-	-	-
SQUARE YARDS	-	-	-	571,835	136,764

ITEM	LINES, LONG OR SET WITH HOOKS	DIP NETS, COMMON	GRABS, FROG	BY HAND	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:					
REGULAR	626	32	42	21	638
CASUAL	871	247	132	45	911
TOTAL	1,497	279	174	66	1,549
BOATS, MOTOR	1,486	184	174	58	1,534
GEAR:					
NUMBER	4,127	279	174	-	-
HOOKS	392,120	-	-	-	-

LOUISIANA - CATCH BY GEAR, 1959

SPECIES	HAUL SEINES		HOOP NETS		POTS AND TRAPS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN	4,800	$240	59,800	$2,990	-	-
BUFFALOFISH	79,400	11,910	1,636,800	245,520	-	-
CARP	22,000	1,100	309,300	15,465	-	-
CATFISH	38,400	7,680	1,690,400	338,080	-	-
GARFISH	13,400	670	463,100	23,155	-	-
PADDLEFISH	3,000	150	29,600	1,480	-	-
SHEEPSHEAD	13,900	1,946	544,900	76,286	-	-
CRAWFISH	-	-	-	-	831,600	$124,740
TURTLES, SNAPPER	30,900	3,090	54,200	5,420	-	-
TOTAL	205,800	26,786	4,788,100	708,396	831,600	124,740

SPECIES	GILL NETS, ANCHOR		TRAMMEL NETS		LINES, LONG OR SET WITH HOOKS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN	41,100	$2,055	15,400	$770	-	-
BUFFALOFISH	1,207,700	181,155	420,500	63,075	-	-
CARP	304,500	15,225	95,900	4,795	-	-
CATFISH	667,900	133,580	282,000	56,400	529,900	$105,980
GARFISH	345,700	17,285	77,800	3,890	138,200	6,910
PADDLEFISH	18,200	910	6,900	345	-	-
SHEEPSHEAD	299,900	41,986	99,800	13,972	128,500	17,990
TURTLES, SNAPPER	51,500	5,150	31,400	3,140	71,100	7,110
TOTAL	2,936,500	397,346	1,029,700	146,387	867,700	137,990

SPECIES	DIP NETS		GRABS		BY HAND	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
TURTLES:						
BABY	19,900	$149,250	-	-	2,300	$17,250
SNAPPER	-	-	-	-	17,600	1,760
FROGS	-	-	103,000	$36,050	16,000	5,600
TOTAL	19,900	149,250	103,000	36,050	35,900	24,610

LOUISIANA - CATCH BY WATERS, 1959

SPECIES	MISSISSIPPI RIVER AND TRIBUTARIES		ATCHAFALAYA RIVER		BOEUF RIVER	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN	1,900	$95	69,900	$3,495	-	-
BUFFALOFISH	271,400	40,710	1,045,500	156,825	77,200	$11,580
CARP	54,600	2,730	148,800	7,440	26,800	1,340
CATFISH	225,700	45,140	2,049,400	409,880	58,200	11,640
GARFISH	41,700	2,085	373,200	18,660	35,000	1,750
PADDLEFISH	7,500	375	24,000	1,200	2,500	125
SHEEPSHEAD	30,900	4,326	571,900	80,066	36,500	5,110
CRAWFISH	30,000	4,500	801,600	120,240	-	-
TURTLES:						
BABY	1,100	8,250	8,800	66,000	900	6,750
SNAPPER	22,200	2,220	29,300	2,930	3,300	330
FROGS	13,300	4,655	27,300	9,555	6,300	2,205
TOTAL	700,300	115,086	5,149,700	876,291	246,700	40,830

SPECIES	OUACHITA RIVER		RED RIVER AND TRIBUTARIES		INLAND LAKES AND STREAMS		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN	15,200	$760	33,200	$1,660	900	$45	121,100	$6,055
BUFFALOFISH	418,600	62,790	1,292,400	193,860	239,300	35,895	3,344,400	501,660
CARP	65,900	3,295	409,200	20,460	26,400	1,320	731,700	36,585
CATFISH	162,400	32,480	532,900	106,580	180,000	36,000	3,208,600	641,720
GARFISH	81,600	4,080	455,000	22,750	51,700	2,585	1,038,200	51,910
PADDLEFISH	1,200	60	19,300	965	3,200	160	57,700	2,885
SHEEPSHEAD	76,700	10,738	310,900	43,526	60,100	8,414	1,087,000	152,180
CRAWFISH	-	-	-	-	-	-	831,600	124,740
TURTLES:								
BABY	3,500	26,250	4,300	32,250	3,600	27,000	22,200	166,500
SNAPPER	24,500	2,450	162,600	16,260	14,800	1,480	256,700	25,670
FROGS	18,000	6,300	37,300	13,055	16,800	5,880	119,000	41,650
TOTAL	867,600	149,203	3,257,100	451,366	596,800	118,779	10,818,200	1,751,555

MINNESOTA

OPERATING UNITS BY GEAR, 1959

ITEM	HAUL SEINES, COMMON	WEIRS	POUND NETS	FYKE NETS, FISH	GILL NETS, ANCHOR	LINES, LONG OR SET WITH HOOKS	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:							
REGULAR	94	60	-	32	151	1	244
CASUAL	201	33	11	172	121	27	356
TOTAL	295	93	11	204	272	28	600
BOATS:							
MOTOR	55	37	5	27	130	28	233
OTHER	34	-	-	-	-	-	34
GEAR:							
NUMBER	30	61	14	2,650	296	75	-
LENGTH, YARDS	22,800	-	-	-	-	-	-
SQUARE YARDS	-	-	-	-	403,900	-	-
HOOKS	-	-	-	-	-	7,435	-

MINNESOTA - CATCH BY GEAR, 1959

SPECIES	HAUL SEINES		WEIRS		POUND NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH	564,300	$46,236	24,500	$1,960	26,300	$2,674
BULLHEADS	5,500	385	41,900	2,933	-	-
CARP	3,791,300	83,834	590,200	11,800	155,500	3,110
GARFISH	4,000	80	-	-	-	-
SHEEPSHEAD	210,900	7,384	-	-	-	-
SUCKERS	6,700	335	5,100	102	-	-
TOTAL	4,582,700	138,254	661,700	16,795	181,800	5,784

SPECIES	FYKE NETS		GILL NETS, ANCHOR		LINES, LONG OR SET WITH HOOKS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN	-	-	-	-	700	$14
BUFFALOFISH	-	-	28,700	$4,018	-	-
BULLHEADS	1,821,900	$137,533	-	-	-	-
CARP	-	-	94,200	3,768	3,600	144
CATFISH	-	-	5,100	1,024	21,300	4,047
GARFISH	-	-	700	14	-	-
HERRING, LAKE	-	-	30,200	1,510	-	-
MOONEYE	-	-	103,500	20,523	-	-
PIKE OR PICKEREL	-	-	49,200	7,825	-	-
QUILLBACK	-	-	15,000	75	-	-
SHEEPSHEAD	-	-	331,500	12,803	5,100	408
SUCKERS	-	-	28,000	629	-	-
TULLIBEES	-	-	41,200	824	-	-
WHITEFISH, COMMON	-	-	407,300	116,853	-	-
YELLOW PERCH	25,400	508	302,600	55,574	-	-
YELLOW PIKE	-	-	536,700	208,027	-	-
TOTAL	1,847,300	138,041	1,973,900	433,467	30,700	4,613

MINNESOTA - CATCH BY WATERS, 1959

SPECIES	MISSISSIPPI RIVER		RED LAKE		INLAND LAKES AND STREAMS		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN	700	$14	-	-	-	-	700	$14
BUFFALOFISH	56,400	7,896	-	-	587,400	$46,992	643,800	54,888
BULLHEADS	-	-	-	-	1,869,300	140,851	1,869,300	140,851
CARP	498,200	19,928	-	-	4,136,600	82,728	4,634,800	102,656
CATFISH	24,900	4,731	1,500	$340	-	-	26,400	5,071
GARFISH	4,700	94	-	-	-	-	4,700	94
HERRING, LAKE	-	-	-	-	30,200	1,510	30,200	1,510
MOONEYE	-	-	103,500	20,523	-	-	103,500	20,523
PIKE OR PICKEREL	-	-	49,200	7,825	-	-	49,200	7,825
QUILLBACK	15,000	75	-	-	-	-	15,000	75
SHEEPSHEAD	52,000	4,160	323,000	12,123	172,500	4,312	547,500	20,595
SUCKERS	9,000	450	-	-	30,800	616	39,800	1,066
TULLIBEES	-	-	-	-	41,200	824	41,200	824
WHITEFISH, COMMON	-	-	388,600	112,178	18,700	4,675	407,300	116,853
YELLOW PERCH	-	-	302,600	55,574	25,400	508	328,000	56,082
YELLOW PIKE	-	-	536,700	208,027	-	-	536,700	208,027
TOTAL	660,900	37,348	1,705,100	416,590	6,912,100	283,016	9,278,100	736,954

MISSISSIPPI RIVER FISHERIES

MISSISSIPPI

OPERATING UNITS BY GEAR, 1959

ITEM	HAUL SEINES, COMMON	HOOP NETS, FISH	FYKE NETS, FISH	GILL NETS, ANCHOR	TRAMMEL NETS
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:					
REGULAR	5	80	32	49	27
CASUAL	4	164	12	28	16
TOTAL	9	244	44	77	43
BOATS:					
MOTOR	1	203	35	72	34
OTHER	3	-	-	-	-
GEAR:					
NUMBER	3	1,692	108	211	68
LENGTH, YARDS	1,400	-	-	-	-
SQUARE YARDS	-	-	-	85,100	28,000

ITEM	LINES		DIP NETS, COMMON	TOTAL, EXCLUSIVE OF DUPLICATION
	LONG OR SET WITH HOOKS	SNAG		
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:				
REGULAR	70	16	-	161
CASUAL	166	14	45	315
TOTAL	236	30	45	476
BOATS:				
MOTOR	212	24	34	389
OTHER	-	-	11	14
GEAR:				
NUMBER	486	55	45	-
HOOKS	111,600	24,700	-	-

MISSISSIPPI - CATCH BY GEAR, 1959

SPECIES	HAUL SEINES		HOOP AND FYKE NETS		GILL NETS, ANCHOR		TRAMMEL NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN	-	-	2,500	$150	3,500	$210	-	-
BUFFALOFISH	51,300	$7,710	204,500	31,865	381,000	59,330	167,400	$25,780
CARP	1,300	70	48,500	2,685	79,600	4,490	35,900	1,995
CATFISH	600	150	51,000	12,750	47,700	11,925	24,900	6,225
GARFISH	7,700	385	5,000	250	17,900	895	13,100	655
PADDLEFISH	2,000	300	1,400	185	3,800	570	700	105
QUILLBACK	-	-	1,500	150	1,000	100	200	20
SHEEPSHEAD	1,200	120	13,500	1,530	18,100	2,130	13,100	1,510
TURTLES:								
SNAPPER	100	10	-	-	12,000	1,200	-	-
SOFT-SHELL	2,600	260	500	50	1,600	160	600	60
TOTAL	66,800	9,005	328,400	49,615	566,200	81,010	255,900	36,350

SPECIES	LINES				DIP NETS, COMMON	
	LONG OR SET WITH HOOKS		SNAG			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN	8,000	$480	4,000	$240	-	-
BUFFALOFISH	18,700	2,955	5,000	780	-	-
CARP	35,000	2,050	2,000	120	-	-
CATFISH	228,000	57,000	20,500	5,125	-	-
GARFISH	8,000	400	1,500	75	-	-
PADDLEFISH	-	-	3,300	495	-	-
SHEEPSHEAD	12,000	1,440	1,000	120	-	-
TURTLES:						
BABY	-	-	-	-	1,200	$9,000
SNAPPER	6,000	600	500	50	-	-
SOFT-SHELL	500	50	-	-	-	-
TOTAL	316,200	64,975	37,800	7,005	1,200	9,000

MISSISSIPPI - CATCH BY WATERS, 1959

SPECIES	MISSISSIPPI RIVER		INLAND LAKES AND STREAMS		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN	18,000	$1,080	-	-	18,000	$1,080
BUFFALOFISH	423,500	67,760	404,400	$60,660	827,900	128,420
CARP	129,500	7,770	72,800	3,640	202,300	11,410
CATFISH	279,700	69,925	93,000	23,250	372,700	93,175
GARFISH	20,000	1,000	33,200	1,660	53,200	2,660
PADDLEFISH	7,200	1,080	4,000	575	11,200	1,655
QUILLBACK	1,500	150	1,200	120	2,700	270
SHEEPSHEAD	48,000	5,760	10,900	1,090	58,900	6,850
TURTLES:						
BABY	900	6,750	300	2,250	1,200	9,000
SNAPPER	18,500	1,850	100	10	18,600	1,860
SOFT-SHELL	2,000	200	3,800	380	5,800	580
TOTAL	948,800	163,325	623,700	93,635	1,572,500	256,960

MISSOURI

OPERATING UNITS BY GEAR, 1959

ITEM	HAUL SEINES, COMMON	FYKE NETS, FISH	TRAMMEL NETS	LINES, LONG OR SET WITH HOOKS	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:					
REGULAR	-	26	10	26	33
CASUAL	10	124	138	96	296
TOTAL	10	150	148	122	329
BOATS, MOTOR	10	150	148	122	329
GEAR:					
NUMBER	5	1,414	141	218	-
LENGTH, YARDS	1,250	-	-	-	-
SQUARE YARDS	-	-	24,800	-	-
HOOKS	-	-	-	21,800	-

MISSOURI - CATCH BY GEAR, 1959

SPECIES	HAUL SEINES		FYKE NETS		TRAMMEL NETS		LINES, LONG OR SET WITH HOOKS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN	-	-	500	$27	-	-	-	-
BUFFALOFISH	2,300	$230	53,000	5,300	36,600	$3,660	-	-
CARP	1,100	55	84,300	4,215	59,000	2,950	3,700	$185
CATFISH	900	212	22,400	5,265	16,200	3,807	17,100	4,019
GARFISH	1,600	64	2,400	96	2,800	112	700	28
PADDLEFISH	1,000	110	1,700	187	10,500	1,155	-	-
QUILLBACK	700	35	1,800	90	5,300	265	-	-
SHEEPSHEAD	-	-	13,600	1,020	6,400	480	2,700	203
STURGEON, SHOVELNOSE	-	-	-	-	1,100	231	2,200	462
SUCKERS	-	-	-	-	2,000	60	-	-
TOTAL	7,600	706	179,700	16,200	139,900	12,720	26,400	4,897

MISSOURI - CATCH BY WATERS, 1959

SPECIES	MISSISSIPPI RIVER		MISSOURI RIVER		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN	500	$27	-	-	500	$27
BUFFALOFISH	57,100	5,710	34,800	$3,480	91,900	9,190
CARP	68,400	3,420	79,700	3,985	148,100	7,405
CATFISH	34,900	8,203	21,700	5,100	56,600	13,303
GARFISH	5,300	212	2,200	88	7,500	300
PADDLEFISH	9,400	1,034	3,800	418	13,200	1,452
QUILLBACK	5,300	265	2,500	125	7,800	390
SHEEPSHEAD	18,300	1,373	4,400	330	22,700	1,703
STURGEON, SHOVELNOSE	1,100	231	2,200	462	3,300	693
SUCKERS	1,200	36	800	24	2,000	60
TOTAL	201,500	20,511	152,100	14,012	353,600	34,523

MONTANA

OPERATING UNITS BY GEAR, 1959

ITEM	POUND NETS	FYKE NETS, FISH	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:			
REGULAR	1	1	2
CASUAL	1	1	2
TOTAL	2	2	4
BOATS, MOTOR	2	2	4
GEAR, NUMBER	10	6	-

MONTANA - CATCH BY GEAR, 1959

SPECIES	POUND NETS		FYKE NETS		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH, TOTAL	54,500	$3,997	20,000	$1,400	74,500	$5,397

NOTE:--THE COMMERCIAL FISHERIES OF MONTANA ARE CONFINED TO THE FORT PECK RESERVOIR OF THE MISSOURI RIVER.

NEBRASKA

OPERATING UNITS BY GEAR, 1959

ITEM	HAUL SEINES, COMMON	HOOP NETS, FISH	FYKE NETS, FISH	TRAMMEL NETS	TOTAL, EXCLUSIVE OF DUPLICATION.
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:					
REGULAR	23	3	20	3	23
CASUAL	27	181	-	186	213
TOTAL	50	184	20	189	236
BOATS:					
MOTOR	35	181	20	189	221
OTHER	15	-	-	-	15
GEAR:					
NUMBER	31	1,310	74	189	-
LENGTH, YARDS	4,000	-	-	-	-
SQUARE YARDS	-	-	-	30,240	-

NEBRASKA - CATCH BY GEAR, 1959

SPECIES	HAUL SEINES		HOOP AND FYKE NETS		TRAMMEL NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH	8,800	$1,205	-	-	5,000	$1,100
BULLHEADS	-	-	48,400	$845	-	-
CARP	194,000	12,414	-	-	57,000	11,000
CATFISH	-	-	29,900	11,544	-	-
PADDLEFISH	29,400	625	-	-	-	-
TOTAL	232,200	14,244	78,300	12,389	62,000	12,100

NEBRASKA - CATCH BY WATERS, 1959

SPECIES	MISSOURI RIVER		INLAND LAKES AND STREAMS		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH	9,000	$1,980	4,800	$325	13,800	$2,305
BULLHEADS	-	-	48,400	845	48,400	845
CARP	112,000	20,000	139,000	3,414	251,000	23,414
CATFISH	29,900	11,544	-	-	29,900	11,544
PADDLEFISH	-	-	29,400	625	29,400	625
TOTAL	150,900	33,524	221,600	5,209	372,500	38,733

NORTH DAKOTA

OPERATING UNITS BY GEAR, 1959

ITEM	HOOP NETS, FISH	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:		
REGULAR	4	4
CASUAL	13	13
TOTAL	17	17
BOATS, MOTOR	7	7
GEAR, NUMBER	330	-

NORTH DAKOTA - CATCH BY WATERS, 1959

SPECIES	MISSOURI RIVER		INLAND LAKES AND STREAMS		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH	25,000	$2,460	26,300	$2,460	51,300	$4,920
BULLHEADS	-	-	247,800	18,448	247,800	18,448
CARP	5,600	280	118,000	4,929	123,600	5,209
SUCKERS	-	-	127,900	2,829	127,900	2,829
YELLOW PERCH	-	-	18,500	1,075	18,500	1,075
TOTAL	30,600	2,740	538,500	29,741	569,100	32,481

NOTE:--THE ENTIRE CATCH OF NORTH DAKOTA IS BY HOOP NETS.

OKLAHOMA

OPERATING UNITS BY GEAR, 1959

ITEM	GILL NETS, ANCHOR	TRAMMEL NETS	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:			
REGULAR	20	14	20
CASUAL	27	1	27
TOTAL	47	15	47
BOATS, MOTOR	46	15	46
GEAR:			
NUMBER	203	26	-
SQUARE YARDS	94,750	6,500	-

OKLAHOMA - CATCH BY GEAR, 1959

SPECIES	GILL NETS, ANCHOR		TRAMMEL NETS	
	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH	132,000	$18,000	23,800	$3,156
CARP	179,400	8,482	22,600	1,008
CATFISH	47,900	12,167	10,800	2,838
PADDLEFISH	2,600	260	1,100	110
QUILLBACK	6,400	220	1,800	64
SHEEPSHEAD	12,600	990	2,000	160
WHITE BASS	10,000	1,200	700	84
TOTAL	390,900	41,319	62,800	7,420

OKLAHOMA - CATCH BY WATERS, 1959

SPECIES	ARKANSAS RIVER		RED RIVER	
	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH	65,300	$9,795	73,800	$8,856
CARP	162,600	8,130	30,500	915
CATFISH	44,000	11,000	11,000	3,080
PADDLEFISH	3,700	370	-	-
QUILLBACK	1,700	85	6,300	189
SHEEPSHEAD	13,600	1,088	600	30
WHITE BASS	10,700	1,284	-	-
TOTAL	301,600	31,752	122,200	13,070

SPECIES	INLAND LAKES AND STREAMS		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH	16,700	$2,505	155,800	$21,156
CARP	8,900	445	202,000	9,490
CATFISH	3,700	925	58,700	15,005
PADDLEFISH	-	-	3,700	370
QUILLBACK	200	10	8,200	284
SHEEPSHEAD	400	32	14,600	1,150
WHITE BASS	-	-	10,700	1,284
TOTAL	29,900	3,917	453,700	48,739

SOUTH DAKOTA

OPERATING UNITS BY GEAR, 1959

ITEM	HAUL SEINES, COMMON	FYKE NETS, FISH	GILL NETS, ANCHOR	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:				
REGULAR	11	6	2	14
CASUAL	72	32	7	81
TOTAL	83	38	9	95
BOATS:				
MOTOR	22	12	3	27
OTHER	11	-	-	11
GEAR:				
NUMBER	11	1,010	13	-
LENGTH, YARDS	10,000	-	-	-
SQUARE YARDS	-	-	8,600	-

SOUTH DAKOTA - CATCH BY GEAR, 1959

SPECIES	HAUL SEINES		FYKE NETS		GILL NETS, ANCHOR	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH	648,700	$51,896	-	-	195,200	$25,372
BULLHEADS	-	-	430,000	$38,700	-	-
CARP	989,000	34,615	-	-	-	-
PADDLEFISH	-	-	-	-	16,400	821
SHEEPSHEAD	554,100	6,820	-	-	-	-
SUCKERS	59,300	1,483	-	-	-	-
TOTAL	2,251,100	94,814	430,000	38,700	211,600	26,193

SOUTH DAKOTA - CATCH BY WATERS, 1959

SPECIES	MISSOURI RIVER		INLAND LAKES AND STREAMS		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH	195,200	$25,372	648,700	$51,896	843,900	$77,268
BULLHEADS	-	-	430,000	38,700	430,000	38,700
CARP	-	-	989,000	34,615	989,000	34,615
PADDLEFISH	16,400	821	-	-	16,400	821
SHEEPSHEAD	-	-	554,100	6,820	554,100	6,820
SUCKERS	-	-	59,300	1,483	59,300	1,483
TOTAL	211,600	26,193	2,681,100	133,514	2,892,700	159,707

NOTE:--CATCH DATA IS FOR FISCAL YEAR JULY 1, 1958 THROUGH JUNE 30, 1959.

MISSISSIPPI RIVER FISHERIES

TENNESSEE

OPERATING UNITS BY GEAR, 1959

ITEM	HOOP NETS, FISH	FYKE NETS, FISH	GILL NETS, ANCHOR	TRAMMEL NETS	LINES
					LONG OR SET WITH HOOKS
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:					
REGULAR	126	137	44	106	171
CASUAL	242	208	35	73	298
TOTAL	368	345	79	179	469
BOATS, MOTOR	333	240	72	150	427
GEAR:					
NUMBER	4,517	2,071	148	386	3,974
SQUARE YARDS	-	-	50,650	198,450	-
HOOKS	-	-	-	-	328,800

ITEM	LINES - CONTINUED	DIP NETS, COMMON	CROWFOOT BARS	BY HAND	TOTAL, EXCLUSIVE OF DUPLICATION
	SNAG				
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:					
REGULAR	98	35	38	-	361
CASUAL	163	131	72	50	650
TOTAL	261	166	110	50	1,011
BOATS:					
MOTOR	231	80	-	-	732
OTHER	-	43	110	-	153
GEAR:					
NUMBER	1,097	166	252	-	-
HOOKS	418,100	-	-	-	-

TENNESSEE - CATCH BY GEAR, 1959

SPECIES	HOOP AND FYKE NETS		GILL NETS, ANCHOR		TRAMMEL NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN	28,200	$1,646	1,100	$65	-	-
BUFFALOFISH	307,200	47,126	29,300	3,995	419,000	$65,853
BULLHEADS	1,100	165	-	-	900	120
CARP	193,000	10,425	27,700	1,280	262,600	14,706
CATFISH	210,700	52,020	6,000	1,470	198,900	49,689
GARFISH	1,000	45	500	20	700	30
PADDLEFISH	7,500	1,110	4,000	594	39,700	5,940
QUILLBACK	13,100	1,164	1,000	100	117,100	11,702
SHEEPSHEAD	27,700	2,678	300	30	7,800	770
STURGEON, SHOVELNOSE	200	30	-	-	1,100	180
SUCKERS	5,500	260	-	-	3,600	180
YELLOW BASS	2,500	375	-	-	-	-
TOTAL	797,700	117,044	69,900	7,555	1,051,400	149,170

SPECIES	LINES				DIP NETS	
	LONG OR SET WITH HOOKS		SNAG			
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN	2,200	$104	-	-	-	-
BUFFALOFISH	25,600	3,964	8,000	$1,235	-	-
BULLHEADS	7,000	1,050	-	-	-	-
CARP	31,600	1,688	9,200	528	-	-
CATFISH	439,400	108,050	150,000	37,065	-	-
GARFISH	1,300	63	1,400	70	-	-
PADDLEFISH	-	-	59,800	8,910	-	-
QUILLBACK	4,100	364	3,800	380	-	-
SHEEPSHEAD	7,300	716	2,000	190	-	-
STURGEON, SHOVELNOSE	1,700	290	3,100	620	-	-
SUCKERS	-	-	2,700	128	-	-
YELLOW BASS	600	90	-	-	-	-
TURTLES, BABY	-	-	-	-	3,800	$28,500
TOTAL	520,800	116,379	240,000	49,126	3,800	28,500

(CONTINUED ON NEXT PAGE)

TENNESSEE - CATCH BY GEAR, 1959 - Continued

SPECIES	CROWFOOT BARS		BY HAND	
	POUNDS	VALUE	POUNDS	VALUE
MUSSEL SHELLS.	2,764,000	$87,105	-	-
PEARLS AND SLUGS	-	10,365	-	-
TURTLES, BABY.	-	-	700	$4,875
TOTAL	2,764,000	97,470	700	4,875

TENNESSEE - CATCH BY WATERS, 1959

SPECIES	MISSISSIPPI RIVER		CUMBERLAND RIVER		TENNESSEE RIVER	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN	3,500	$140	-	-	400	$20
BUFFALOFISH.	109,500	14,235	36,900	$5,904	562,900	90,064
CARP	68,200	2,728	37,800	2,268	272,600	16,356
CATFISH.	92,700	20,394	62,900	15,725	729,300	182,325
GARFISH.	1,700	68	200	10	3,000	150
PADDLEFISH	3,200	384	8,300	1,245	99,100	14,865
QUILLBACK.	1,900	114	6,200	496	131,000	13,100
SHEEPSHEAD	6,300	504	7,500	750	23,400	2,340
STURGEON, SHOVELNOSE	1,700	240	3,100	620	1,300	260
SUCKERS.	2,200	88	5,100	255	4,500	225
MUSSEL SHELLS.	-	-	200,000	8,000	2,564,000	79,105
PEARLS AND SLUGS	-	-	-	750	-	9,615
TURTLES, BABY.	1,000	7,500	-	-	-	-
TOTAL	291,900	46,395	368,000	36,023	4,391,500	408,425

SPECIES	INLAND LAKES AND STREAMS		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE
BOWFIN	27,600	$1,656	31,500	$1,816
BUFFALOFISH.	79,800	11,970	789,100	122,173
BULLHEADS.	9,000	1,335	9,000	1,335
CARP	145,500	7,275	524,100	28,627
CATFISH.	120,100	29,850	1,005,000	248,294
GARFISH.	-	-	4,900	228
PADDLEFISH	400	60	111,000	16,554
QUILLBACK.	-	-	139,100	13,710
SHEEPSHEAD	7,900	790	45,100	4,384
STURGEON, SHOVELNOSE	-	-	6,100	1,120
SUCKERS.	-	-	11,800	568
YELLOW BASS.	3,100	465	3,100	465
MUSSEL SHELLS.	-	-	2,764,000	87,105
PEARLS AND SLUGS	-	-	-	10,365
TURTLES, BABY.	3,500	25,875	4,500	33,375
TOTAL	396,900	79,276	5,448,300	570,119

NOTE:--THE CATCH AND SALE OF YELLOW BASS IS LEGAL IN REELFOOT LAKE.

TEXAS

OPERATING UNITS BY GEAR, 1959

ITEM	HOOP NETS, FISH	GILL NETS, ANCHOR	TRAMMEL NETS	LINES, LONG OR SET WITH HOOKS	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:					
REGULAR.	20	59	13	15	65
CASUAL	45	167	26	90	217
TOTAL	65	226	39	105	282
BOATS, MOTOR	40	216	39	90	272
GEAR:					
NUMBER	240	385	52	600	-
SQUARE YARDS	-	58,000	6,800	-	-
HOOKS.	-	-	-	18,750	-

TEXAS - CATCH BY GEAR, 1959

SPECIES	HOOP NETS		GILL NETS, ANCHOR		TRAMMEL NETS		LINES, LONG OR SET WITH HOOKS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH.	36,000	$5,400	409,700	$61,455	44,000	$6,600	5,500	$825
BULLHEADS.	3,200	480	-	-	-	-	4,000	600
CARP	10,500	525	207,000	10,350	29,000	1,450	4,500	225
CATFISH.	14,000	4,500	28,000	7,000	6,000	1,500	18,000	4,500
QUILLBACK.	1,500	105	300	21	-	-	-	-
SHEEPSHEAD	2,000	140	1,000	70	500	35	1,000	70
SUCKERS.	4,000	200	3,500	175	500	25	-	-
TURTLES, SNAPPER	500	50	500	50	-	-	1,000	100
TOTAL	71,700	11,400	650,000	79,121	80,000	9,610	34,000	6,320

TEXAS - CATCH BY WATERS, 1959

SPECIES	RED RIVER AND TRIBUTARIES		INLAND LAKES AND STREAMS		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BUFFALOFISH.	409,700	$61,455	85,500	$12,825	495,200	$74,280
BULLHEADS.	-	-	7,200	1,080	7,200	1,080
CARP	207,000	10,350	44,000	2,200	251,000	12,550
CATFISH.	28,000	7,000	38,000	10,500	66,000	17,500
QUILLBACK.	300	21	1,500	105	1,800	126
SHEEPSHEAD	1,000	70	3,500	245	4,500	315
SUCKERS.	3,500	175	4,500	225	8,000	400
TURTLES, SNAPPER	500	50	1,500	150	2,000	200
TOTAL.	650,000	79,121	185,700	27,330	835,700	106,451

WISCONSIN

OPERATING UNITS BY GEAR, 1959

ITEM	HAUL SEINES, COMMON	OTTER TRAWLS, FISH	TRAP NETS, FISH	HOOP NETS, FISH	FYKE NETS, FISH
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:					
REGULAR.	52	4	8	7	2
CASUAL	153	4	29	9	4
TOTAL.	205	8	37	16	6
BOATS:					
MOTOR.	85	2	10	15	2
OTHER.	79	-	8	-	1
GEAR:					
NUMBER	53	2	95	575	240
LENGTH, YARDS.	25,410	-	-	-	-
YARDS AT MOUTH	-	10	-	-	-

ITEM	POTS AND TRAPS	GILL NETS, ANCHOR	LINES, LONG OR SET WITH HOOKS	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE:				
REGULAR.	6	28	15	67
CASUAL	20	96	206	376
TOTAL.	26	124	221	443
BOATS:				
MOTOR.	26	120	221	354
OTHER.	-	-	-	88
GEAR:				
NUMBER	897	1,803	785	-
SQUARE YARDS	-	136,300	-	-
HOOKS.	-	-	78,500	-

WISCONSIN - CATCH BY GEAR, 1959

SPECIES	HAUL SEINES		OTTER TRAWLS		TRAP NETS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN	1,400	$14	-	-	-	-
BUFFALOFISH	366,200	40,264	-	-	-	-
BURBOT	-	-	-	-	6,600	$198
CARP	6,883,100	215,478	-	-	7,000	210
CATFISH	19,700	3,743	-	-	-	-
GARFISH	27,400	411	-	-	-	-
MOONEYE	10,200	204	-	-	-	-
QUILLBACK	55,300	1,700	-	-	8,600	258
SHEEPSHEAD	451,700	28,911	66,400	$1,926	3,186,000	92,394
SUCKERS	113,400	7,737	-	-	-	-
TOTAL	7,928,400	298,462	66,400	1,926	3,208,200	93,060

SPECIES	HOOP AND FYKE NETS		POTS AND TRAPS		GILL NETS, ANCHOR		LINES, LONG OR SET WITH HOOKS	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN	-	-	-	-	2,700	$27	2,500	$25
BUFFALOFISH	28,800	$3,456	-	-	683,400	81,714	3,200	384
BULLHEADS	65,900	7,474	3,900	$390	2,500	250	6,800	680
BURBOT	21,500	645	-	-	-	-	-	-
CARP	5,700	228	-	-	858,700	33,911	34,400	1,376
CATFISH	71,400	13,566	162,100	30,800	24,300	4,617	306,500	58,235
GARFISH	-	-	-	-	1,800	270	-	-
MOONEYE	-	-	-	-	500	100	-	-
QUILLBACK	1,600	64	-	-	11,000	4,400	-	-
SHEEPSHEAD	3,100	310	-	-	20,000	2,000	29,200	2,920
STURGEON, SHOVELNOSE	-	-	-	-	-	-	2,000	400
SUCKERS	700	14	-	-	1,700	340	1,400	28
TURTLES, SNAPPER	-	-	-	-	800	80	-	-
TOTAL	198,700	25,757	166,000	31,190	1,607,400	127,709	386,000	64,048

WISCONSIN - CATCH BY WATERS, 1959

SPECIES	MISSISSIPPI RIVER		INLAND LAKES AND STREAMS		TOTAL	
	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
BOWFIN	6,600	$66	-	-	6,600	$66
BUFFALOFISH	882,900	105,948	198,700	$19,870	1,081,600	125,818
BULLHEADS	34,900	3,490	44,200	5,304	79,100	8,794
BURBOT	-	-	28,100	843	28,100	843
CARP	2,769,000	110,760	5,019,900	140,443	7,788,900	251,203
CATFISH	584,000	110,961	-	-	584,000	110,961
GARFISH	29,200	681	-	-	29,200	681
MOONEYE	10,700	304	-	-	10,700	304
QUILLBACK	16,700	4,628	59,800	1,794	76,500	6,422
SHEEPSHEAD	275,000	27,500	3,481,400	100,961	3,756,400	128,461
STURGEON, SHOVELNOSE	2,000	400	-	-	2,000	400
SUCKERS	29,300	5,482	87,900	2,637	117,200	8,119
TURTLES, SNAPPER	800	80	-	-	800	80
TOTAL	4,641,100	370,300	8,920,000	271,852	13,561,100	642,152

WYOMING

OPERATING UNITS BY GEAR, 1959

ITEM	HAUL SEINES, COMMON	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE, CASUAL	4	4
BOATS, MOTOR	2	2
GEAR:		
NUMBER	1	-
LENGTH, YARDS	1,000	-

NOTE:--THE COMMERCIAL FISHERIES OF WYOMING, IN THE TRIBUTARIES OF THE MISSISSIPPI RIVER, ARE CONFINED TO THE INLAND LAKES AND STREAMS. FOUR CASUAL FISHERMEN, EMPLOYING TWO MOTOR BOATS, FISHED ONE HAUL SEINE OF 1,000 YARDS LENGTH. THE CATCH CONSISTED OF 45,000 POUNDS OF CARP, VALUED AT $2,250.

GREAT LAKES AND MISSISSIPPI RIVER CATCH - BY STATES, 1959

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

STATE	GREAT LAKES 1/		MISSISSIPPI RIVER AND TRIBUTARIES 2/		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
ALABAMA	-	-	10,996	771	10,996	771
ARKANSAS	-	-	5,747	894	5,747	894
ILLINOIS	245	43	7,316	733	7,561	776
INDIANA	1	(3)	222	31	223	31
IOWA	-	-	4,013	484	4,013	484
KANSAS	-	-	63	16	63	16
KENTUCKY	-	-	3,030	313	3,030	313
LOUISIANA	-	-	10,818	1,752	10,818	1,752
MICHIGAN	22,323	2,681	-	-	22,323	2,681
MINNESOTA	5,327	360	9,278	737	14,605	1,097
MISSISSIPPI	-	-	1,573	257	1,573	257
MISSOURI	-	-	354	35	354	35
MONTANA	-	-	74	5	74	5
NEBRASKA	-	-	372	39	372	39
NEW YORK	499	91	-	-	499	91
NORTH DAKOTA	-	-	569	32	569	32
OHIO	19,518	1,733	-	-	19,518	1,733
OKLAHOMA	-	-	454	49	454	49
PENNSYLVANIA	1,071	118	-	-	1,071	118
SOUTH DAKOTA	-	-	2,893	160	2,893	160
TENNESSEE	-	-	5,448	570	5,448	570
TEXAS	-	-	836	106	836	106
WISCONSIN	16,833	2,078	13,561	642	30,394	2,720
WYOMING	-	-	45	2	45	2
TOTAL	65,817	7,104	77,662	7,628	143,479	14,732

1/ INCLUDES THE CATCH FROM THE INTERNATIONAL LAKES OF NORTHERN MINNESOTA. 2/ INCLUDES THE CATCH FROM THE ALABAMA RIVER AND THE RED LAKE ALTHOUGH THESE WATERS ARE NOT IN THE MISSISSIPPI RIVER DRAINAGE SYSTEM.
3/ LESS THAN 500 DOLLARS.

GREAT LAKES AND MISSISSIPPI RIVER CATCH - BY SPECIES, 1959

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	GREAT LAKES		MISSISSIPPI RIVER AND TRIBUTARIES		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
ALEWIVES	1,267	43	-	-	1,267	43
BLUE PIKE	35	12	-	-	35	12
BOWFIN	4	(1)	208	10	212	10
BUFFALOFISH	13	1	16,376	2,181	16,389	2,182
BURBOT	616	20	28	1	644	21
CARP	7,274	270	21,720	826	28,994	1,096
CATFISH AND BULLHEADS	1,932	416	13,063	2,583	14,995	2,999
CHUBS	11,212	2,283	-	-	11,212	2,283
CISCO	20	5	-	-	20	5
CRAPPIE	1	(1)	43	8	44	8
EELS, COMMON	21	3	-	-	21	3
GARFISH	-	-	1,273	63	1,273	63
GIZZARD SHAD	9	(1)	8	(1)	17	(1)
GOLDFISH	103	2	-	-	103	2
HERRING, LAKE	12,512	833	30	1	12,542	834
LAKE TROUT	868	468	-	-	868	468
MOONEYE	1	(1)	115	20	116	20
PADDLEFISH	-	-	624	82	624	82
PIKE OR PICKEREL	78	8	70	13	148	21
QUILLBACK	-	-	410	31	410	31
ROCK BASS	13	2	-	-	13	2
SAUGER	38	6	-	-	38	6
SHEEPSHEAD	4,657	138	8,489	537	13,146	675
SMELT	6,889	238	-	-	6,889	238
STURGEON:						
COMMON	3	2	-	-	3	2
SHOVELNOSE	-	-	61	9	61	9
SUCKERS	1,495	68	474	18	1,969	86
SUNFISH	16	2	-	-	16	2
TULLIBEE	1,283	26	41	1	1,324	27
WHITE BASS	824	149	11	1	835	150
WHITEFISH:						
COMMON	629	375	407	117	1,036	492
MENOMINEE	81	9	-	-	81	9
WHITE PERCH	2	(1)	-	-	2	(1)
YELLOW BASS	-	-	3	1	3	1
YELLOW PERCH	11,731	942	346	57	12,077	999
YELLOW PIKE	2,190	783	537	208	2,727	991
CRAWFISH	-	-	831	125	831	125
MUSSEL SHELLS	-	-	11,986	368	11,986	368
PEARLS AND SLUGS	-	-	-	43	-	43
TURTLES:						
BABY	-	-	33	247	33	247
SLIDER	-	-	28	1	28	1
SNAPPER	-	-	320	33	320	33
SOFT-SHELL	-	-	8	1	8	1
FROGS	-	-	119	42	119	42
TOTAL	65,817	7,104	77,662	7,628	143,479	14,732

1/ LESS THAN 500 DOLLARS.

NOTE:--INCLUDES THE CATCH FROM THE INTERNATIONAL LAKES OF NORTHERN MINNESOTA, ALABAMA RIVER, AND RED LAKE.

SECTION 10 - HAWAII FISHERIES

During 1959, landings of fish and shellfish at ports in the State of Hawaii amounted to 16.6 million pounds valued at 3.2 million dollars. The catch was taken by 688 fishermen. Fishing craft operated during the year included 64 vessels of 5 net tons and over, 224 motor boats, and 64 other boats.

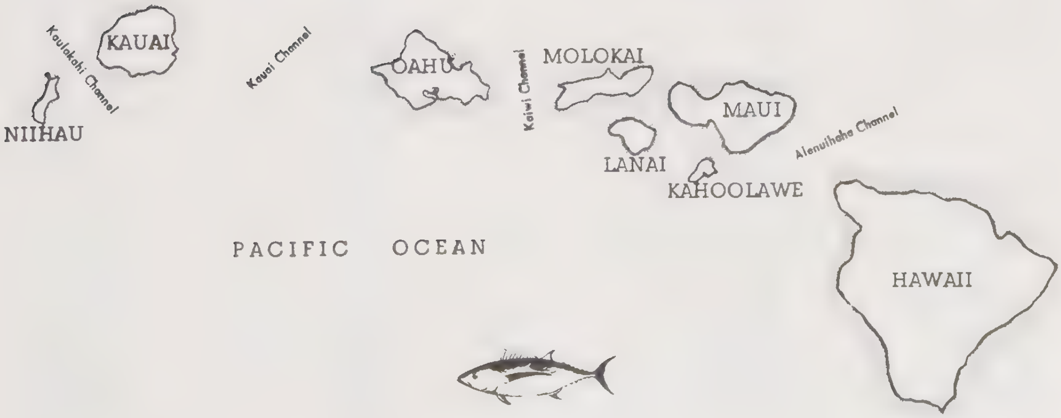
Fishery products were landed at six of the eight islands that form the newest state in the Union. The island of Oahu ranked first in production accounting for over 12 million pounds or 75 percent of the total Hawaiian catch. The island of Hawaii was in second place (2.7 million pounds) followed by Maui (1.1 million pounds). Landings at Molokae, Kauai, and Lanai accounted for the remainder. Receipts of tuna (albacore, big-eyed and bluefin, little, skipjack, and yellowfin) accounted for 87 percent of the volume and 70 percent of the value of all fishery products landed by Hawaiian fishermen.

Data on the volume and value of the fisheries of Hawaii by months have been published in statistical digests since 1946. However, it was not until 1959, the year Hawaii became a state, that operating unit and catch data were assembled in approximately the same manner as those for other states so that the figures could be included in the national summary tables. Catch data for Hawaii are presented in two categories -- the ocean catch and the pond (salt-water) catch. The common and scientific names of the species of fish and shellfish landings in Hawaii are not included in Section 14 of this report.

The data in this section were assembled and prepared for publication by the Bureau's area office, Honolulu, Hawaii, largely from information collected by the Hawaii Department of Agriculture and Conservation.

The following tables contain summarized and detailed information on the 1959 operating units and catch by islands of the State of Hawaii. Additional information on the 1959 catch by months has been previously published in Current Fishery Statistics No. 2336.

STATE OF HAWAII



HAWAII FISHERIES

SECTIONAL SUMMARIES

SUMMARY OF CATCH, 1959

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

ISLAND	FISH		SHELLFISH, ETC.		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
HAWAII.	2,717	495	13	8	2,730	503
MOLOKAI	14	9	2	1	16	10
OAHU.	12,448	2,402	17	11	12,465	2,413
KAUAI	229	87	5	3	234	90
MAUI.	1,116	159	2	1	1,118	160
LANAI	7	3	(1)	(1)	7	3
TOTAL.	16,531	3,155	39	24	16,570	3,179

1/ LESS THAN 500 POUNDS AND 500 DOLLARS.

SUMMARY OF OPERATING UNITS, 1959

ITEM	TOTAL
	NUMBER
FISHERMEN:	
ON VESSELS	343
ON BOATS AND SHORE . .	345
TOTAL	688
VESSELS, MOTOR	64
NET TONNAGE.	1,066
BOATS:	
MOTOR.	224
OTHER.	39
ACCESSORY BOATS.	25

NOTE:--DATA ARE NOT AVAILABLE ON THE NUMBER AND SIZE OF GEAR USED IN THE HAWAIIAN FISHERIES. THE TYPES OF GEAR USED CAN BE ASCERTAINED FROM THE TABLE SHOWING THE CATCH BY GEAR. OPERATING UNIT DATA ARE INCOMPLETE.

HAWAII - CATCH BY SPECIES, 1959

SPECIES		TOTAL	
ENGLISH	HAWAIIAN	POUNDS	VALUE
OCEAN CATCH:			
FISH			
AMBERJACK.	KAHALA.	79,098	$23,451
BARRACUDA.	KAKU.	2,533	829
BARRACUDA, JAPANESE. . .	KAWELEA	8,215	3,736
BIG-EYE SCAD	AKULE	155,611	124,576
BONEFISH	OIO	31,614	7,307
CREVALLE:			
BLUE	OMILU	9,203	4,903
JACK	ULUA.	53,753	23,978
DAMSELFISH	MAMANO.	9,534	5,138
DOLPHIN.	MAHIMAHI.	117,826	53,160
EELS:			
CONGER	PUHI.	3,192	490
MORAY.	PUHI.	400	67
GOATFISHES:			
	KUMU.	16,544	16,181
	MALU.	2,763	1,812
	MOANO	23,872	14,419
	MOILUA.	3,986	2,120
	WEKE.	73,078	37,339
	WEKE-ULA.	13,853	9,811
MACKEREL, JACK	OPELU	191,982	76,413
MARLIN:			
BLACK.	A'U	435,654	110,523
SAILFISH	A'U LEPE.	19,457	2,424
SILVER	A'U	21,016	4,387
STRIPED.	A'U	293,352	76,880
MILKFISH	AWA	10,657	3,158
MOUNTAIN BASS.	AHOLEHOLE	4,349	3,109
MULLET	AMAAMA.	22,743	16,629
PARROTFISH	UHU	10,066	4,083
RED BIG-EYE.	AWEOWEO	18,515	6,882
RUDDERFISH	NENUE	9,306	3,349
RUNNER	LAI	785	244
SARDINE.	MIKIAWA	368	91
SEA BASS, BLACK.	HAPUUPUU.	31,844	14,976

(CONTINUED ON NEXT PAGE)

HAWAII - CATCH BY SPECIES, 1959 - Continued

SPECIES		TOTAL	
ENGLISH	HAWAIIAN	POUNDS	VALUE
OCEAN CATCH: - CONTINUED			
FISH - CONTINUED			
SNAPPER:			
GRAY	UKU	46,173	$22,276
PINK	KALEKALE	22,020	12,193
PINK	OPAKAPAKA	88,225	44,167
RED	ULAULA OR EHU	23,320	20,132
RED	ULAULA KOAE	49,523	44,771
SPOT	AAWA	3,667	552
SQUIRRELFISH	UU	27,614	21,055
SURGEONFISH:			
	KALA	15,355	3,017
	MAIKO	1,864	327
	PALANI	7,285	1,389
	PUALU	21,518	4,762
SWORDFISH	A'U	27,564	5,453
TANG:			
CONVICT	MANINI	12,019	6,585
ORANGE SPOT	NAENAE	872	111
TENPOUNDER	AWAAWA	272	104
THREADFIN, PACIFIC	MOI	7,158	4,809
TRIGGERFISH	HUMUHUMU	1,611	192
TUNA:			
ALBACORE	AHIPALAHA	11,288	2,394
BIG-EYED AND BLUEFIN		1,322,243	573,636
LITTLE	KAWAKAWA	19,496	3,527
SKIPJACK	AKU	12,413,249	1,475,242
YELLOWFIN	AHI	568,571	178,329
TOTAL TUNA		14,334,847	2,233,128
WAHOO	ONO	35,502	7,283
UNCLASSIFIED		38,718	14,147
TOTAL FISH		16,440,296	3,098,918
SHELLFISH, ETC.			
CRABS:			
	KONA	6,036	3,121
	MOALA, SAMOAN, AND KUAHONU	1,952	589
LIMPET	OPIHI	5,248	5,369
LOBSTER, SPINY	ULA	12,339	7,975
OCTOPUS	HEE	4,485	2,638
SQUID	MUHEE	4,611	1,857
TREPANG (SEA CUCUMBER)		728	466
TURTLES	HONU	714	90
TOTAL SHELLFISH, ETC.		36,113	22,105
TOTAL OCEAN CATCH		16,476,409	3,121,023
POND CATCH: 1/			
FISH			
BARRACUDA	KAKU	1,608	1,175
BONEFISH	OIO	590	236
CREVALLE, JACK	ULUA	1,364	1,354
EELS, CONGER	PUHI	8	2
GOATFISH	WEKE	69	24
MILKFISH	AWA	31,503	13,073
MOUNTAIN BASS	AHOLEHOLE	5,401	1,916
MULLET	AMAAMA	44,860	36,510
RUNNER	LAI	46	11
SURGEONFISH	PUALU	93	23
TENPOUNDER	AWAAWA	2,661	962
THREADFIN, PACIFIC	MOI	323	332
TILAPIA		1,721	478
UNCLASSIFIED		726	195
TOTAL FISH		90,973	56,291
SHELLFISH			
CLAMS, HARD	OLEPE	807	775
CRABS:			
	PAPAI	546	160
	MOALA, SAMOAN, AND KUAHONU	1,289	862
TOTAL SHELLFISH		2,642	1,797
TOTAL POND CATCH		93,615	58,088
GRAND TOTAL		16,570,024	3,179,111

1/ SALT WATER.

NOTE:--THE WEIGHT OF MEATS FOR MOLLUSKS IS BASED ON A YIELD OF 25 PERCENT FOR HARD CLAMS AND 40 PERCENT FOR LIMPETS.

HAWAII - OPERATING UNITS BY ISLAND AND GEAR, 1959

ITEM	OAHU				
	HAUL SEINES	BAG NETS	POTS AND TRAPS	LINES	
				HAND	POLE AND LINE
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS	11	14	-	15	129
ON BOATS AND SHORE . . .	-	-	24	70	3
TOTAL	11	14	24	85	132
VESSELS, MOTOR	2	2	-	4	15
NET TONNAGE.	25	20	-	48	371
BOATS:					
MOTOR.	-	-	20	53	2
OTHER.	-	-	-	3	2
ACCESSORY BOATS.	3	-	-	-	15

ITEM	OAHU - CONTINUED					
	LINES - CONTINUED		LIFT NETS	UNCLASSIFIED GEAR	POND 1/	TOTAL, EXCLUSIVE OF DUPLICATION
	TROLL	LONG OR SET WITH HOOKS				
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS	-	82	-	5	-	248
ON BOATS AND SHORE . . .	1	4	2	18	13	112
TOTAL	1	86	2	23	13	360
VESSELS, MOTOR	-	25	-	1	-	47
NET TONNAGE.	-	328	-	7	-	785
BOATS:						
MOTOR.	1	2	1	15	-	76
OTHER.	-	-	1	8	3	14
ACCESSORY BOATS.	-	-	-	-	-	18

ITEM	HAWAII					
	BAG NETS	POTS AND TRAPS	LINES			
			HAND	POLE AND LINE	TROLL	LONG OR SET WITH HOOKS
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS	-	-	-	20	6	11
ON BOATS AND SHORE . . .	7	1	64	7	5	22
TOTAL	7	1	64	27	11	33
VESSELS, MOTOR	-	-	-	2	3	3
NET TONNAGE.	-	-	-	53	28	19
BOATS, MOTOR	2	1	50	3	5	9
ACCESSORY BOATS.	-	-	-	2	-	-

ITEM	HAWAII - CONTINUED				
	LIFT NETS	UNCLASSIFIED GEAR	BY HAND	POND 1/	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS	-	-	-	-	37
ON BOATS AND SHORE . . .	13	16	2	2	102
TOTAL	13	16	2	2	139
VESSELS, MOTOR	-	-	-	-	8
NET TONNAGE.	-	-	-	-	100
BOATS, MOTOR	7	13	-	-	72
ACCESSORY BOATS.	-	-	-	-	2

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

HAWAII - OPERATING UNITS BY ISLAND AND GEAR, 1959 - Continued

ITEM	MAUI				
	BAG NETS	POTS AND TRAPS	GILL NETS, ANCHOR	LINES	
				HAND	POLE AND LINE
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS	-	-	-	2	49
ON BOATS AND SHORE	24	1	5	27	-
TOTAL	24	1	5	29	49
VESSELS, MOTOR	-	-	-	1	5
NET TONNAGE.	-	-	-	6	154
BOATS, MOTOR	9	1	5	23	-
ACCESSORY BOATS.	-	-	-	-	5

ITEM	MAUI - CONTINUED			
	LIFT NETS	UNCLASSI-FIED GEAR	SPEARS	TOTAL, EXCLUSIVE OF DUPLI-CATION
	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:				
ON VESSELS	-	-	-	51
ON BOATS AND SHORE	8	8	3	68
TOTAL	8	8	3	119
VESSELS, MOTOR	-	-	-	6
NET TONNAGE.	-	-	-	160
BOATS:				
MOTOR.	-	6	1	38
OTHER.	6	-	-	6
ACCESSORY BOATS.	-	-	-	5

ITEM	KAUAI					
	GILL NETS, ANCHOR	LINES			UNCLASSI-FIED GEAR	TOTAL, EXCLUSIVE OF DUPLI-CATION
		HAND	POLE AND LINE	LONG OR SET WITH HOOKS		
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:						
ON VESSELS	-	4	-	3	-	7
ON BOATS AND SHORE	4	18	2	-	8	29
TOTAL	4	22	2	3	8	36
VESSELS, MOTOR	-	2	-	1	-	3
NET TONNAGE.	-	11	-	10	-	21
BOATS:						
MOTOR.	-	15	1	-	3	17
OTHER.	5	8	-	-	3	16

ITEM	MOLOKAI			LANAI		
	UNCLASSI-FIED GEAR	POND 1/	TOTAL, EXCLUSIVE OF DUPLI-CATION	LINES		TOTAL, EXCLUSIVE OF DUPLI-CATION
				HAND	TROLL	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN, ON BOATS AND SHORE, TOTAL.	15	7	22	9	8	12
BOATS:						
MOTOR.	9	1	10	8	8	11
OTHER.	-	2	2	1	-	1

1/ SEINES, MISCELLANEOUS NETS, AND BY HAND.

NOTE:--NUMBER AND QUANTITY OF GEAR NOT AVAILABLE. DATA ON OPERATING UNITS ARE INCOMPLETE.

HAWAII - CATCH BY ISLANDS, 1959

SPECIES		HAWAII		MOLOKAI		OAHU	
ENGLISH	HAWAIIAN	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
OCEAN CATCH:							
FISH							
AMBERJACK	KAHALA	8,107	$2,078	-	-	54,596	$15,963
BARRACUDA	KAKU	318	91	60	$45	1,411	398
BARRACUDA, JAPANESE	KAWELEA	5,693	2,837	5	3	1,743	632
BIG-EYE SCAD	AKULE	26,453	21,870	472	269	83,607	71,627
BONEFISH	OIO	7,825	2,060	244	80	9,364	3,204
CREVALLE:							
BLUE	OMILU	6	2	38	28	7,609	4,238
JACK	ULUA	8,519	3,701	225	167	35,367	16,114
DAMSELFISH	MAMANO	-	-	-	-	9,373	5,058
DOLPHIN	MAHIMAHI	27,640	8,379	-	-	81,823	41,519
EELS:							
CONGER	PUHI	146	55	-	-	3,032	433
MORAY	PUHI	-	-	38	4	362	63
GOATFISHES:							
	KUMU	786	757	149	93	14,166	14,395
	MALU	-	-	-	-	2,763	1,812
	MOANO	6,479	4,524	11	8	16,925	9,688
	WEKE	3,257	2,592	1,931	876	52,809	26,655
	WEKE-ULA	490	344	-	-	12,061	8,732
MACKEREL, JACK	OPELU	61,352	21,098	-	-	50,395	30,436
MARLIN:							
BLACK	A'U	86,706	15,735	-	-	330,469	90,361
SAILFISH	A'U LEPE	1,179	229	-	-	18,240	2,190
SILVER	A'U	15,523	3,438	-	-	5,493	949
STRIPED	A'U	33,826	8,250	-	-	249,179	66,553
MILKFISH	AWA	83	18	95	38	7,029	2,344
MOUNTAIN BASS	AHOLEHOLE	579	515	16	7	743	665
MULLET	AMAAMA	162	127	3,767	2,525	8,508	6,860
PARROTFISH	UHU	130	34	-	-	9,888	4,040
RED BIG-EYE	AWEOWEO	6,576	2,156	102	40	9,078	3,649
RUDDERFISH	NENUE	840	411	-	-	8,302	2,858
RUNNER	LAI	57	27	20	9	85	25
SARDINE	MIKIAWA	-	-	-	-	348	87
SEA BASS, BLACK	HAPUUPUU	2,128	960	-	-	26,811	13,058
SNAPPER:							
GRAY	UKU	1,819	702	-	-	33,881	16,991
PINK	KALEKALE	6,378	3,358	-	-	15,582	8,804
PINK	OPAKAPAKA	9,431	4,468	-	-	58,330	30,706
RED	ULAULA OR EHU	4,855	3,811	-	-	16,321	15,118
RED	ULAULA KOAE	5,960	4,137	-	-	41,263	39,280
SPOT	AWAA	3,139	447	-	-	523	104
SQUIRRELFISH	UU	9,519	5,554	3	2	11,703	10,817
SURGEONFISH:							
	KALA	16	2	17	3	15,217	2,997
	MAIKO	314	88	-	-	1,550	239
	PALANI	138	27	-	-	6,839	1,251
	PUALU	99	20	48	13	21,353	4,720
SWORDFISH	A'U	2,330	334	-	-	22,849	4,656
TANG:							
CONVICT	MANINI	1,823	966	39	20	9,293	5,021
ORANGE SPOT	NAENAE	-	-	-	-	872	111
TENPOUNDER	AWAAWA	37	15	41	15	178	70
THREADFIN, PACIFIC	MOI	647	604	47	34	1,443	992
TRIGGERFISH	HUMUHUMU	1,611	192	-	-	-	-
TUNA:							
ALBACORE	AHIPALAHA	1,825	490	-	-	9,293	1,864
BIG-EYED AND BLUEFIN		257,064	110,557	-	-	1,045,852	456,090
LITTLE	KAWAKAWA	116	24	-	-	16,719	2,921
SKIPJACK	AKU	1,906,473	202,128	-	-	9,509,620	1,165,918
YELLOWFIN	AHI	167,876	45,319	-	-	381,862	128,918
TOTAL TUNA		2,333,354	358,518	-	-	10,963,346	1,755,711
WAHOO	ONO	19,505	3,883	-	-	9,478	1,791
UNCLASSIFIED		8,933	3,834	112	42	24,925	8,200
TOTAL FISH		2,714,768	493,248	7,480	4,321	12,366,525	2,352,185

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

HAWAII - CATCH BY ISLANDS, 1959 - Continued

SPECIES		HAWAII		MOLOKAI		OAHU	
ENGLISH	HAWAIIAN	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
OCEAN CATCH: - CONTINUED							
SHELLFISH, ETC.							
CRABS:	KONA.	891	$530	-	-	1,494	$1,102
	MOALA, SAMOAN, AND KUAHONU. . .	1,927	577	12	$6	9	5
LIMPET	OPIHI	4,773	4,792	270	305	-	-
LOBSTER, SPINY	ULA	121	78	9	3	12,091	7,833
OCTOPUS.	HEE	229	147	515	301	1,579	806
SQUID.	MUHEE	4,368	1,712	-	-	-	-
TREPANG (SEA CUCUMBER)	. . . .	728	466	-	-	-	-
TURTLES.	HONU.	186	20	-	-	28	10
TOTAL SHELLFISH, ETC.		13,223	8,322	806	615	15,201	9,756
TOTAL OCEAN CATCH		2,727,991	501,570	8,286	4,936	12,381,726	2,361,941
POND CATCH: 1/							
FISH							
BARRACUDA.	KAKU.	-	-	352	125	1,256	1,050
BONEFISH	OIO	-	-	262	96	328	140
CREVALLE, JACK	ULUA.	26	5	44	29	1,294	1,320
EELS, CONGER	PUHI.	-	-	-	-	8	2
GOATFISH	WEKE.	-	-	-	-	69	24
MILKFISH	AWA	1,169	409	90	24	30,244	12,640
MOUNTAIN BASS.	AHOLEHOLE	1,102	427	377	68	3,922	1,421
MULLET	AMAAMA.	260	165	5,309	4,415	39,291	31,930
RUNNER	LAI	-	-	3	(2)	43	11
SURGEONFISH.	PUALU	-	-	-	-	93	23
TENPOUNDER	AWAAWA.	-	-	-	-	2,661	962
THREADFIN, PACIFIC . .	MOI	-	-	4	(2)	319	332
TILAPIA	. . . .	-	-	-	-	1,721	478
UNCLASSIFIED	. . . .	-	-	10	(2)	716	195
TOTAL FISH.		2,557	1,006	6,451	4,757	81,965	50,528
SHELLFISH							
CLAMS, HARD	OLEPE	-	-	807	775	-	-
CRABS:							
	PAPAI	-	-	-	-	546	160
	MOALA, SAMOAN, AND KUAHONU. . .	-	-	18	(2)	1,271	862
TOTAL SHELLFISH		-	-	825	775	1,817	1,022
TOTAL POND CATCH.		2,557	1,006	7,276	5,532	83,782	51,550
GRAND TOTAL		2,730,548	502,576	15,562	10,468	12,465,508	2,413,491

SPECIES		KAUAI		MAUI	
ENGLISH	HAWAIIAN	POUNDS	VALUE	POUNDS	VALUE
OCEAN CATCH:					
FISH					
AMBERJACK.	KAHALA.	13,869	$4,841	2,213	$440
BARRACUDA.	KAKU.	194	62	193	94
BARRACUDA, JAPANESE. .	KAWELEA	304	124	434	124
BIG-EYE SCAD	AKULE	30,857	22,487	13,853	8,083
BONEFISH	OIO	10,005	867	4,100	1,079
CREVALLE:					
BLUE	OMILU	1,524	621	26	14
JACK	ULUA...	5,987	1,985	2,232	1,135
DAMSELFISH	MAMANO.	-	-	7	3
DOLPHIN.	MAHIMAHI.	5,411	2,535	2,766	654
EELS, CONGER	PUHI.	-	-	14	2
GOATFISHES:					
	KUMU.	36	39	1,393	888
	MOANO	26	18	364	145
	MOILUA.	-	-	3,876	2,046
	WEKE.	1,801	1,094	13,255	6,110
	WEKE-ULA.	731	403	571	332

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

HAWAII - CATCH BY ISLANDS, 1959 - Continued

		KAUAI		MAUI	
ENGLISH	HAWAIIAN	POUNDS	VALUE	POUNDS	VALUE
OCEAN CATCH - CONTINUED:					
FISH - CONTINUED					
MACKEREL, JACK	OPELU	41,980	$12,898	38,152	$11,924
MARLIN:					
BLACK	A'U	18,479	4,427	-	-
SAILFISH	A'U LEPE	38	5	-	-
STRIPED	A'U	10,317	2,066	30	11
MILKFISH	AWA	145	44	3,305	714
MOUNTAIN BASS	AHOLEHOLE	261	164	2,750	1,758
MULLET	AMAAMA	6,723	4,693	3,583	2,424
PARROTFISH	UHU	-	-	48	9
RED BIG-EYE	AWEOWEO	1,109	471	1,605	547
RUDDERFISH	NENUE	128	64	28	13
RUNNER	LAI	12	5	611	178
SARDINE	MIKIAWA	-	-	20	4
SEA BASS, BLACK	HAPUUPUU	884	334	2,015	620
SNAPPER:					
GRAY	UKU	7,424	3,081	2,511	1,186
PINK	KALEKALE	12	7	38	19
PINK	OPAKAPAKA	232	93	19,739	8,653
RED	ULAULA OR EHU	349	184	1,767	1,000
RED	ULAULA KOAE	-	-	2,288	1,346
SQUIRRELFISH	UU	3,965	3,018	1,563	1,166
SURGEONFISH:					
	KALA	35	7	70	8
	PALANI	53	12	215	85
	PUALU	-	-	18	9
SWORDFISH	A'U	2,385	463	-	-
TANG, CONVICT	MANINI	759	525	105	53
TENPOUNDER	AWAAWA	10	2	6	2
THREADFIN, PACIFIC	MOI	4,530	2,904	491	275
TUNA:					
ALBACORE	AHIPALAHA	170	40	-	-
BIG-EYED AND BLUEFIN		19,298	6,984	29	5
LITTLE	KAWAKAWA	1,338	327	736	84
SKIPJACK	AKU	17,384	3,193	979,159	103,819
YELLOWFIN	AHI	12,412	3,355	6,409	734
TOTAL TUNA		50,602	13,899	986,333	104,642
WAHOO	ONO	5,955	1,446	507	138
UNCLASSIFIED		1,169	776	3,074	1,106
TOTAL FISH		228,301	86,664	1,116,169	159,039
SHELLFISH, ETC.					
CRABS:					
	KONA	3,615	1,471	24	12
	MOALA, SAMOAN, AND KUAHONU	-	-	4	1
LIMPET	OPIHI	189	255	4	3
LOBSTER, SPINY	ULA	-	-	118	61
OCTOPUS	HEE	1,305	959	857	425
SQUID	MUHEE	243	145	-	-
TURTLES	HONU	-	-	500	60
TOTAL SHELLFISH, ETC.		5,352	2,830	1,507	562
TOTAL OCEAN CATCH		233,653	89,494	1,117,676	159,601
GRAND TOTAL		233,653	89,494	1,117,676	159,601

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

HAWAII - CATCH BY ISLANDS, 1959 - Continued

SPECIES		LANAI		TOTAL	
ENGLISH	HAWAIIAN	POUNDS	VALUE	POUNDS	VALUE
OCEAN CATCH:					
FISH					
AMBERJACK.	KAHALA.	313	$129	79,098	$23,451
BARRACUDA.	KAKU.	357	139	2,533	829
BARRACUDA, JAPANESE. .	KAWELEA	36	16	8,215	3,736
BIG-EYE SCAD	AKULE	369	240	155,611	124,576
BONEFISH	OIO	76	17	31,614	7,307
CREVALLE:					
BLUE	OMILU	-	-	9,203	[illegible]
JACK	ULUA.	1,423	876	53,753	[illegible]
DAMSELFISH	MAMANO.	154	77	9,534	[illegible]
DOLPHIN.	MAHIMAHI.	186	73	117,826	53,160
EELS:					
CONGER	PUHI.	-	-	3,192	490
MORAY.	PUHI.	-	-	400	67
GOATFISHES:					
	KUMU.	14	9	16,544	16,181
	MALU.	-	-	2,763	1,812
	MOANO	67	36	23,872	[illegible]
	MOILUA.	110	74	3,986	2,120
	WEKE.	25	12	73,078	[illegible]
	WEKE-ULA.	-	-	13,853	[illegible]
MACKEREL, JACK	OPELU	103	57	[illegible]	[illegible]
MARLIN:					
BLACK.	A'U	-	-	435,654	[illegible]
SAILFISH	A'U LEPE.	-	-	19,457	[illegible]
SILVER..	A'U	-	-	21,016	[illegible]
STRIPED.	A'U	-	-	293,352	[illegible]
MILKFISH	AWA	-	-	10,657	3,158
MOUNTAIN BASS.	AHOLEHOLE	-	-	4,349	[illegible]
MULLET	AMAAMA.	-	-	22,743	[illegible]
PARROTFISH	UHU	-	-	10,066	[illegible]
RED BIG-EYE.	AWEOWEO	45	19	18,515	[illegible]
RUDDERFISH	NENUE	8	3	9,306	3,349
RUNNER	LAI	-	-	785	244
SARDINE.	MIKIAWA	-	-	368	91
SEA BASS, BLACK. . . .	HAPUUPUU.	6	4	31,844	14,976
SNAPPER:					
GRAY	UKU	538	316	46,173	22,276
PINK	KALEKALE.	10	5	22,020	12,193
PINK	OPAKAPAKA	493	247	88,225	44,167
RED.	ULAULA OR EHU . .	28	19	23,320	[illegible]
RED.	ULAULA KOAE . . .	12	8	49,523	[illegible]
SPOT	AAWA.	5	1	3,667	[illegible]
SQUIRRELFISH	UU.	861	498	27,614	[illegible]
SURGEONFISH:					
	KALA.	-	-	15,355	[illegible]
	MAIKO	-	-	1,864	[illegible]
	PALANI.	40	14	7,285	[illegible]
	PUALU	-	-	21,518	[illegible]
SWORDFISH.	A'U	-	-	27,564	5,453
TANG:					
CONVICT.	MANINI.	-	-	12,019	6,585
ORANGE SPOT.	NAENAE.	-	-	872	111
TENPOUNDER	AWAAWA.	-	-	272	104
THREADFIN, PACIFIC . .	MOI	-	-	7,158	4,809
TRIGGERFISH.	HUMUHUMU.	-	-	1,611	192
TUNA:					
ALBACORE	AHIPALAHA	-	-	11,288	2,394
BIG-EYED AND BLUEFIN	. . . .	-	-	1,322,243	573,636
LITTLE	KAWAKAWA.	587	171	19,496	3,527
SKIPJACK	AKU	613	184	12,413,249	1,475,242
YELLOWFIN.	AHI	12	3	568,571	[illegible]
TOTAL TUNA		1,212	358	14,334,847	2,233,128
WAHOO.	ONO	57	25	35,502	7,263
UNCLASSIFIED	. . . .	505	189	38,718	14,147
TOTAL FISH		7,053	3,461	16,440,296	[illegible]

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

HAWAII - CATCH BY ISLANDS, 1959 - Continued

SPECIES		LANAI		TOTAL	
ENGLISH	HAWAIIAN	POUNDS	VALUE	POUNDS	VALUE
OCEAN CATCH - CONTINUED:					
SHELLFISH, ETC.					
CRABS:					
	KONA.	12	$6	6,036	$3,121
	MOALA, SAMOAN, AND KUAHONU. . .	-	-	1,952	589
LIMPET	OPIHI	12	14	5,248	5,369
LOBSTER, SPINY	ULA	-	-	12,339	7,975
OCTOPUS.	HEE	-	-	4,485	2,638
SQUID.	MUHEE	-	-	4,611	1,857
TREPANG (SEA CUCUMBER)	. . . .	-	-	728	466
TURTLES.	HONU.	-	-	714	90
TOTAL SHELLFISH, ETC.		24	20	36,113	22,105
TOTAL OCEAN CATCH		7,077	3,481	16,476,409	3,121,023
POND CATCH: 1/					
FISH					
BARRACUDA.	KAKU.	-	-	1,608	1,175
BONEFISH	OIO	-	-	590	236
CREVALLE, JACK	ULUA.	-	-	1,364	1,354
EELS, CONGER	PUHI.	-	-	8	2
GOATFISH	WEKE.	-	-	69	24
MILKFISH	AWA	-	-	31,503	13,073
MOUNTAIN BASS.	AHOLEHOLE	-	-	5,401	1,916
MULLET	AMAAMA.	-	-	44,860	36,510
RUNNER	LAI	-	-	46	11
SURGEONFISH.	PUALU	-	-	93	23
TENPOUNDER	AWAAWA.	-	-	2,661	962
THREADFIN, PACIFIC . .	MOI	-	-	323	332
TILAPIA.	. . . .	-	-	1,721	478
UNCLASSIFIED	. . . .	-	-	726	195
TOTAL FISH		-	-	90,973	56,291
SHELLFISH					
CLAMS, HARD.	OLEPE	-	-	807	775
CRABS:					
	PAPAI	-	-	546	160
	MOALA, SAMOAN, AND KUAHONU. . .	-	-	1,289	862
TOTAL SHELLFISH		-	-	2,642	1,797
TOTAL POND CATCH		-	-	93,615	58,088
GRAND TOTAL.		7,077	3,481	16,570,024	3,179,111

1/ SALT WATER.

2/ LESS THAN 50 CENTS.

NOTE:--THE WEIGHT OF MEATS FOR MOLLUSKS IS BASED ON A YIELD OF 25 PERCENT FOR HARD CLAMS AND 40 PERCENT FOR LIMPETS.

HAWAII - CATCH BY GEAR, 1959

SPECIES		HAUL SEINES		PURSE SEINES		BAG NETS	
ENGLISH	HAWAIIAN	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
AMBERJACK.	KAHALA.	93	$23	-	-	-	-
BARRACUDA.	KAKU.	513	145	-	-	-	-
BARRACUDA, JAPANESE. .	KAWELEA	624	281	-	-	700	$136
BIG-EYE SCAD	AKULE	5,967	4,366	2,283	$1,645	63,536	45,065
BONEFISH	OIO	11,662	2,471	4,455	252	448	109
CREVALLE:							
BLUE	OMILU	110	71	-	-	-	-
JACK	ULUA.	622	497	-	-	-	-
DAMSELFISH	MAMANO.	5,928	3,375	-	-	1,759	888
EELS, MORAY.	PUHI.	30	3	-	-	-	-
GOATFISHES:							
	KUMU.	454	427	-	-	-	-
	MALU.	1	1	-	-	-	-
	MOANO	28	18	-	-	-	-
	WEKE.	24,893	13,478	-	-	1,693	784
	WEKE-ULA.	2	1	-	-	-	-
MACKEREL, JACK	OPELU	138	50	-	-	4,390	743
MILKFISH	AWA	1,083	347	-	-	-	-
MOUNTAIN BASS.	AHOLEHOLE	137	87	-	-	-	-
MULLET	AMAAMA.	4,349	3,095	-	-	532	266
PARROTFISH	UHU	8,812	3,571	-	-	6	3
RED BIG-EYE.	AWEOWEO	4,923	1,991	-	-	71	37
RUDDERFISH	NENUE	7,415	2,356	-	-	-	-
RUNNER	LAI	298	78	-	-	-	-
SARDINE.	MIKIAWA	20	4	-	-	-	-
SQUIRRELFISH	UU.	11	7	-	-	-	-
SURGEONFISH:							
	KALA.	11,519	2,369	-	-	23	5
	MAIKO	1,550	238	-	-	-	-
	PUALU	15,246	3,410	-	-	223	51
TANG, CONVICT.	MANIN	4,954	3,003	-	-	3	2
TENPOUNDER	AWAAWA.	6	2	-	-	-	-
THREADFIN, PACIFIC . .	MOI	3,109	2,253	775	202	-	-
UNCLASSIFIED FISH. . .	. . . .	1,873	874	-	-	564	463
CRABS	MOALA, SAMOAN, AND KUAHONU. . .	4	2	-	-	-	-
OCTOPUS.	HEE	601	419	-	-	-	-
TURTLES.	HONU.	28	10	-	-	-	-
TOTAL	. . . .	117,003	49,323	7,513	2,099	73,948	48,552

SPECIES		POTS AND TRAPS		GILL NETS, ANCHOR		LINES	
						HAND	
ENGLISH	HAWAIIAN	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
AMBERJACK.	KAHALA.	3,256	$874	-	-	3,880	$1,295
BARRACUDA.	KAKU.	39	13	143	$93	230	79
BARRACUDA, JAPANESE. .	KAWELEA	-	-	37	15	6,183	2,998
BIG-EYE SCAD	AKULE	14	5	6,591	4,749	76,072	67,436
BONEFISH	OIO	62	30	2,273	652	9,592	2,918
CREVALLE:							
BLUE	OMILU	2,270	1,260	237	186	2,321	1,402
JACK	ULUA.	10,139	5,746	461	378	9,861	4,941
DAMSELFISH	MAMANO.	1,150	481	7	3	534	288
DOLPHIN.	MAHIMAHI.	-	-	-	-	24,841	7,490
EELS:							
CONGER	PUHI.	3,032	433	14	2	130	50
MORAY.	PUHI.	362	63	8	1	-	-
GOATFISHES:							
	KUMU.	12,641	12,853	1,369	858	1,863	1,869
	MALU.	2,620	1,718	-	-	134	92
	MOANO	14,986	8,370	1	(1)	8,713	5,917
	MOILUA.	-	-	-	-	210	124
	WEKE.	27,650	12,692	12,096	5,857	5,298	3,799
	WEKE-ULA.	6,033	3,766	-	-	3,678	3,032
MACKEREL, JACK	OPELU	5	1	-	-	64,362	35,688
MARLIN:							
BLACK.	A'U	-	-	-	-	1,284	321
STRIPED.	A'U	-	-	-	-	477	102
MILKFISH	AWA	-	-	3,396	753	6,149	2,048
MOUNTAIN BASS.	AHOLEHOLE	-	-	2,802	1,788	897	841
MULLET	AMAAMA.	618	559	16,530	12,181	182	144
PARROTFISH	UHU	991	427	-	-	81	38
RED BIG-EYE.	AWEOWEO	1,589	656	1,091	367	9,588	3,397
RUDDERFISH	NENUE	106	29	28	13	1,603	885
RUNNER	LAI	-	-	256	87	206	67

SEE NOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

HAWAII - CATCH BY GEAR, 1959 - Continued

SPECIES		POTS AND TRAPS		GILL NETS, ANCHOR		LINES	
						HAND	
ENGLISH	HAWAIIAN	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
SARDINE.	MIKIAWA	11	$2	-	-	185	$45
SEA BASS, BLACK. . . .	HAPUUPUU.	-	-	-	-	336	180
SNAPPER:							
GRAY	UKU	1,303	530	-	-	4,195	2,113
PINK	KALEKALE.	-	-	-	-	735	404
PINK	OPAKAPALA	74	5	-	-	950	512
RED.	ULAULA OR EHU . .	-	-	-	-	192	145
RED.	ULAULA OR KOAE. .	-	-	-	-	97	72
SPOT	AAWA.	72	14	-	-	3,240	476
SQUIRRELFISH	UU.	3,079	2,771	293	$209	22,987	17,287
SURGEONFISH:							
	KALA.	499	52	1,514	241	15	2
	MAIKO	-	-	6	3	-	-
	PALANI.	6,850	1,295	12	2	165	39
	PUALU	3,992	912	19	9	209	44
TANG:							
CONVICT.	MANIN	4,400	2,085	195	132	21	8
ORANGE SPOT.	NAENAE.	872	111	-	-	-	-
TENPOUNDER	AWAAWA.	-	-	27	10	137	57
THREADFIN, PACIFIC . .	MOI	-	-	1,031	748	312	329
TRIGGERFISH.	HUMUHUMU.	-	-	-	-	1,574	188
TUNA:							
LITTLE	KAWA KAWA	-	-	30	7	17,113	2,928
SKIPJACK	AKU	-	-	-	-	12,337,482	1,467,270
YELLOWFIN.	AHI	-	-	-	-	132,121	17,162
WAHOO.	ONO	-	-	-	-	813	169
UNCLASSIFIED FISH. . .	. . . .	10,212	1,911	385	284	8,587	3,016
CRABS:							
	KONA.	3	2	-	-	-	-
	MOALA, SAMOAN, AND KUAHONU. . .	1,936	583	-	-	-	-
LOBSTER, SPINY	ULA	7,795	5,072	4,457	2,845	87	58
OCTOPUS.	HEE	1,458	743	229	172	200	118
SQUID.	MUHEE	-	-	-	-	4,082	1,618
TURTLES.	HONU.	-	-	386	50	-	-
TOTAL.		130,119	66,064	55,924	32,695	12,774,204	1,661,501

SPECIES		LINES - CONTINUED				LIFT NETS	
		TROLL		LONG OR SET WITH HOOKS			
ENGLISH	HAWAIIAN	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
AMBERJACK.	KAHALA.	-	-	71,867	$21,258	-	-
BARRACUDA.	KAKU.	104	$35	1,493	459	-	-
BARRACUDA, JAPANESE. .	KAWELEA	-	-	671	306	-	-
BIG-EYE SCAD	AKULE	-	-	1,119	1,293	-	-
BONEFISH	OIO	-	-	1,795	617	-	-
CREVALLE:							
BLUE	OMILU	-	-	4,265	1,984	-	-
JACK	ULUA.	246	78	32,120	12,174	6	$4
DOLPHIN.	MAHIMAHI.	5,039	1,485	87,946	44,185	-	-
EELS, CONGER	PUHI.	-	-	16	5	-	-
GOATFISHES:							
	KUMU.	-	-	13	14	20	12
	MALU.	-	-	8	1	-	-
	MOANO	-	-	98	88	-	-
	MOILUA.	-	-	3,453	1,833	233	118
	WEKE.	-	-	30	25	-	-
	WEKE ULA.	-	-	4,140	3,012	-	-
MACKEREL, JACK	OPELU	-	-	554	281	122,478	39,626
MARLIN:							
BLACK.	A'U	27,919	2,830	406,451	107,372	-	-
SAILFISH	A'U LEPE.	-	-	19,457	2,424	-	-
SILVER	A'U	730	59	20,286	4,328	-	-
STRIPED.	A'U	728	172	292,147	76,606	-	-
MILKFISH	AWA	-	-	11	2	-	-
PARROTFISH	UHU	-	-	15	7	-	-
RED BIG-EYE.	AWEOWEO	-	-	346	171	-	-
RUDDERFISH	NENUE	-	-	3	1	-	-
RUNNER	LAI	-	-	7	4	-	-
SARDINE.	MIKIAWA	-	-	152	40	-	-
SEA BASS, BLACK. . . .	HAPUUPUU.	-	-	31,508	14,796	-	-

SEE NOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

HAWAII - CATCH BY GEAR, 1959 - Continued

SPECIES		LINES - CONTINUED				LIFT NETS	
		TROLL		LONG OR SET WITH HOOKS			
ENGLISH	HAWAIIAN	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
SNAPPER:							
GRAY	UKU.	-	-	40,643	$19,621	18	$8
PINK	KALEKALE	-	-	21,267	11,731	-	-
PINK	OPAKAPALA.	-	-	87,201	43,650	-	-
RED.	ULAULA OR EHU. . .	-	-	23,128	19,937	-	-
RED.	ULAULA OR KOAE . .	-	-	49,426	44,699	-	-
SPOT	AAWA	-	-	329	60	-	-
SQUIRRELFISH	UU	-	-	115	57	-	-
SURGEONFISH:							
	KALA	-	-	227	114	-	-
	PALANI	-	-	97	23	-	-
	PUALU.	-	-	1,525	267	-	-
SWORDFISH.	A'U.	-	-	27,564	5,453	-	-
THREADFIN, PACIFIC . .	MOI.	-	-	3	2	-	-
TRIGGERFISH.	HUMUHUMU	-	-	28	3	1	(1)
TUNA:							
ALBACORE	AHIPALAHA.	-	-	11,288	2,394	-	-
BIG-EYED AND BLUEFIN	. . . .	3,135	$791	1,319,108	572,845	-	-
LITTLE	KAWAKAWA	1,812	443	541	149	-	-
SKIPJACK	AKU.	2,238	392	73,529	7,580	-	-
YELLOWFIN.	AHI.	15,633	2,981	420,817	158,186	-	-
WAHOO.	ONO.	7,029	1,471	27,660	5,643	-	-
UNCLASSIFIED FISH. . .	. . . .	161	47	12,948	5,196	203	93
CRABS.	KONA	-	-	-	-	6,033	3,119
OCTOPUS.	HEE.	-	-	30	14	-	-
SQUID.	MUHEE.	-	-	55	32	-	-
TOTAL		64,774	10,734	3,097,500	1,191,072	128,992	42,980

SPECIES		CAST NETS		SPEARS		BY HAND	
ENGLISH	HAWAIIAN	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
CREVALLE, JACK	ULUA	12	$3	-	-	-	-
GOATFISHES:							
	MOANO.	10	8	-	-	-	-
	WEKE	17	10	-	-	-	-
MOUNTAIN BASS.	AHOLEHOLE.	49	30	-	-	-	-
MULLET	AMAAMA	91	58	-	-	-	-
RUDDERFISH	NENUE.	6	2	-	-	-	-
SPOT	AAWA	26	2	-	-	-	-
SURGEONFISH.	MAIKO.	18	4	-	-	-	-
TANG, CONVICT.	MANIN.	590	385	-	-	-	-
THREADFIN, PACIFIC . .	MOI.	291	233	-	-	-	-
UNCLASSIFIED FISH. . .	. . . .	159	75	-	-	-	-
LIMPET	OPIHI.	-	-	-	-	5,248	$5,369
OCTOPUS.	HEE.	-	-	1,754	$1,053	-	-
SQUID.	MUHEE.	-	-	-	-	56	27
TOTAL		1,269	810	1,754	1,053	5,304	5,396

SPECIES		NETS, UNCLASSIFIED		OTHER GEAR		VARIOUS GEAR, FISH POND	
ENGLISH	HAWAIIAN	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
AMBERJACK.	KAHALA	2	$1	-	-	-	-
BARRACUDA.	KAKU	11	5	-	-	1,608	$1,175
BIG-EYE SCAD	AKULE.	29	17	-	-	-	-
BONEFISH	OIO.	1,327	258	-	-	590	236
CREVALLE, JACK	ULUA	286	157	-	-	1,364	1,354
DAMSELFISH	MAMANO	156	103	-	-	-	-
EELS, CONGER	PUHI	-	-	-	-	8	2
GOATFISHES:							
	KUMU	184	148	-	-	-	-
	MOANO.	36	18	-	-	-	-
	MOILUA	90	45	-	-	-	-
	WEKE	1,401	694	-	-	69	24
MACKEREL, JACK	OPELU.	55	24	-	-	-	-
MILKFISH	AWA.	18	8	-	-	31,503	13,073
MOUNTAIN BASS.	AHOLEHOLE.	464	363	-	-	5,401	1,916
MULLET	AMAAMA	441	326	-	-	44,860	36,510
PARROTFISH	UHU.	161	37	-	-	-	-

SEE NOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

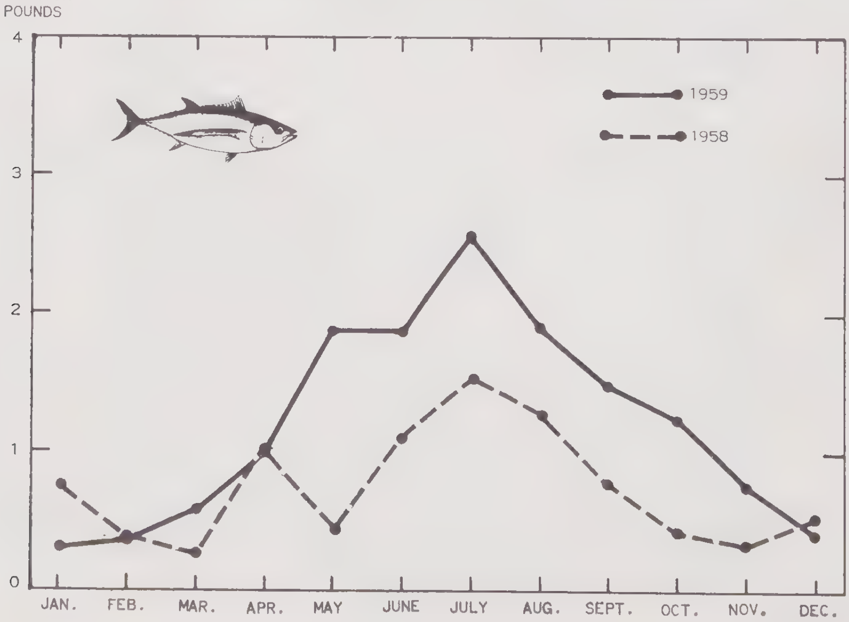
HAWAII - CATCH BY GEAR, 1959 - Continued

SPECIES		NETS, UNCLASSIFIED		OTHER GEAR		VARIOUS GEAR, FISH POND	
ENGLISH	HAWAIIAN	POUNDS	VALUE	POUNDS	VALUE	POUNDS	VALUE
RED BIG-EYE	AWEOWEO	907	$263	-	-	-	-
RUDDERFISH	NENUE	145	63	-	-	-	-
RUNNER	LAI	18	8	-	-	46	$11
SNAPPER:							
GRAY	UKU	14	4	-	-	-	-
PINK	KALEKALE	18	8	-	-	-	-
SQUIRRELFISH	UU	1,129	694	-	-	-	-
SURGEONFISH:							
	KALA	1,558	234	-	-	-	-
	MAIKO	290	82	-	-	-	-
	PALANI	161	30	-	-	-	-
	PUALU	304	69	-	-	93	23
TANG, CONVICT	MANIN	1,856	970	-	-	-	-
TENPOUNDER	AWAAWA	51	19	-	-	2,712	978
THREADFIN, PACIFIC	MOI	1,637	1,042	-	-	323	332
TILAPIA	. . . .	-	-	-	-	1,721	478
TRIGGERFISH	HUMUHUMU	8	1	-	-	-	-
UNCLASSIFIED FISH	. . . .	3,081	1,604	600	$600	671	179
CLAMS, HARD	OLEPE	-	-	-	-	807	775
CRABS:							
	MOALA, SAMOAN, AND KUAHONU	8	4	-	-	1,293	862
	PAPAI	-	-	-	-	546	160
OCTOPUS	HEE	213	119	-	-	-	-
SQUID	MUHEE	-	-	418	180	-	-
TREPANG (SEA CUCUMBER)	. . . .	-	-	728	466	-	-
TURTLES	HONU	-	-	300	30	-	-
TOTAL		16,059	7,418	2,046	1,276	93,615	58,088

1/ LESS THAN 50 CENTS.

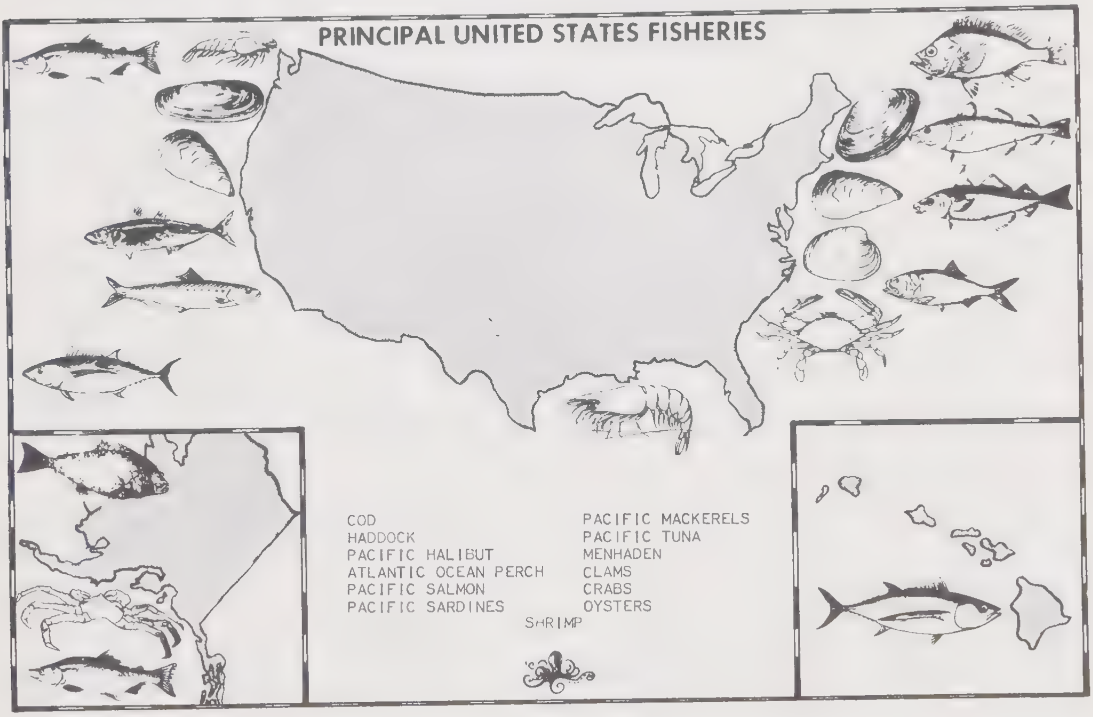
NOTE:--THE WEIGHT OF MEATS FOR MOLLUSKS IS BASED ON A YIELD OF 25 PERCENT FOR HARD CLAMS AND 40 PERCENT FOR LIMPETS.

TUNA LANDINGS BY MONTHS, 1959 AND 1958



SECTION 11
REVIEW OF CERTAIN MAJOR FISHERIES

There are presented in this Section of the Digest, complete data on the catch of certain major species of fish and shellfish taken on a commercial scale in the United States. Additional information is presented on the operating units engaged in the menhaden purse seine, the shrimp and fish otter trawl, and the tuna fisheries. Although the data on catch are included in the detailed catch tables of the various states, they have been repeated in individual fishery tables in this portion of the report to provide readers with a single source of catch data for cod, haddock, halibut, Pacific mackerel, jack mackerel, menhaden, Atlantic ocean perch, Pacific sardines, salmon, tuna, oysters, clams, crabs, and shrimp. Most of the above species are taken by several types of fishing gear. Because of this, the casual reader of the Digest often experiences difficulty in locating complete data on the catch of the species in individual state catch tables. The information contained in this section includes the volume and value of the catch by individual types of gear and by states and districts.



UNITED STATES COD FISHERY

United States fishermen landed 59.8 million pounds of cod, valued at 4 million dollars in 1959. This was an increase of 5.6 million pounds and 374 thousand dollars compared with the 1958 catch.

Otter trawls accounted for 85 percent of the cod catch; lines of all types, nearly 11 percent; and gill nets, 4 percent. Small catches amounting to less than 1 percent of the total production were taken with other gear.

Landings at Massachusetts ports, amounting to 36.7 million pounds, accounted for 61 percent of the total catch. Washington was next with 13.0 million pounds, followed by New Jersey (3.3 million pounds) and Maine (2.7 million pounds). The remaining 4.1 million pounds was taken in eight other North Atlantic and Pacific Coast States.

SUMMARY OF COD CATCH, 1959

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

AREA AND STATE	OTTER TRAWLS		POUND NETS		FLOATING TRAPS	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
NEW ENGLAND:						
MAINE	1,163	52	-	-	-	-
MASSACHUSETTS	32,755	2,315	4	(1)	6	(1)
RHODE ISLAND	824	66	-	-	43	4
CONNECTICUT	242	23	-	-	-	-
TOTAL	34,984	2,456	4	(1)	49	4
MIDDLE ATLANTIC:						
NEW YORK	1,051	98	-	-	-	-
NEW JERSEY	1,162	59	1	(1)	-	-
DELAWARE	4	(1)	-	-	-	-
TOTAL	2,217	157	1	(1)	-	-
CHESAPEAKE:						
MARYLAND	383	13	-	-	-	-
VIRGINIA	72	2	-	-	-	-
TOTAL	455	15	-	-	-	-
PACIFIC:						
ALASKA	8	(1)	-	-	-	-
WASHINGTON	12,932	646	-	-	-	-
OREGON	359	16	-	-	-	-
TOTAL	13,299	662	-	-	-	-
GRAND TOTAL	50,955	3,290	5	(1)	49	4

AREA AND STATE	POTS		GILL NETS		LINES HAND	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
NEW ENGLAND:						
MAINE	-	-	907	68	195	7
MASSACHUSETTS	-	-	1,417	94	438	31
RHODE ISLAND	-	-	-	-	188	15
CONNECTICUT	-	-	-	-	(1)	(1)
TOTAL	-	-	2,324	162	821	53
MIDDLE ATLANTIC:						
NEW YORK	-	-	-	-	26	2
NEW JERSEY	2	(1)	-	-	23	1
TOTAL	2	(1)	-	-	49	3
PACIFIC, WASHINGTON, TOTAL	-	-	29	2	(1)	(1)
GRAND TOTAL	2	(1)	2,353	164	870	56

AREA AND STATE	LINES - CONTINUED				DREDGES		TOTAL	
	TROLL		LONG OR TROT WITH HOOKS					
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
NEW ENGLAND:								
MAINE	-	-	429	17	-	-	2,694	144
MASSACHUSETTS	-	-	1,944	132	12	(1)	36,576	2,572
RHODE ISLAND	-	-	191	18	-	-	1,246	103
CONNECTICUT	-	-	-	-	-	-	242	23
TOTAL	-	-	2,564	167	12	(1)	40,758	2,842
MIDDLE ATLANTIC:								
NEW YORK	-	-	876	82	(1)	(1)	1,953	182
NEW JERSEY	-	-	2,095	210	-	-	3,283	270
DELAWARE	-	-	-	-	-	-	4	(1)
TOTAL	-	-	2,971	292	(1)	(1)	5,240	452
CHESAPEAKE:								
MARYLAND	-	-	-	-	-	-	383	13
VIRGINIA	-	-	28	3	-	-	100	5
TOTAL	-	-	28	3	-	-	483	18
PACIFIC:								
ALASKA	-	-	-	-	-	-	8	(1)
WASHINGTON	(1)	(1)	-	-	-	-	12,961	648
OREGON	-	-	-	-	-	-	359	16
TOTAL	(1)	(1)	-	-	-	-	13,328	664
GRAND TOTAL	(1)	(1)	5,563	462	12	(1)	59,809	3,976

1/ LESS THAN 500 POUNDS OR 500 DOLLARS.

ATLANTIC COAST HADDOCK FISHERY

The haddock fishery of the United States, which is confined to the Atlantic Ocean, yielded a total 112.6 million pounds valued at 10.9 million dollars during 1959. Compared with 1958, this represented a loss in volume of 6.9 million pounds or 7 percent, and 793,000 dollars of 7 percent in value. The decrease in haddock landings was the continued result of the smaller stock of fish, particularly in the scrod sizes. The prices paid for haddock averaged only 0.1 cents below 1958.

Landings at Massachusetts ports accounted for 109.1 million pounds of haddock during 1959 with Maine showing only 3.4 million pounds. Rhode Island, New York, and New Jersey made up the remainder with minor quantities totaling 123,000 pounds.

Otter trawls made up 98 percent of the total production of haddock while lines, gill nets, pound nets, and dredges accounted for the remaining 2 percent.

About 67 percent of the haddock catch was taken in waters off New England with Georges Bank and South Channel yielding the greater portion. The Nova Scotian Banks contributed 9 percent.

SUMMARY OF HADDOCK CATCH, 1959

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

AREA AND STATE	OTTER TRAWLS		POUND NETS		GILL NETS	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
NEW ENGLAND:						
MAINE	2,970	261	-	-	244	24
MASSACHUSETTS	107,351	10,446	15	1	126	10
RHODE ISLAND	116	9	-	-	-	-
TOTAL	110,437	10,716	15	1	370	34
MIDDLE ATLANTIC:						
NEW YORK	5	1	-	-	-	-
NEW JERSEY	2	(1)	-	-	-	-
TOTAL	7	1	-	-	-	-
GRAND TOTAL	110,444	10,717	15	1	370	34

AREA AND STATE	LINES				DREDGES		TOTAL	
	HAND		LONG OR SET WITH HOOKS					
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
NEW ENGLAND:								
MAINE	2	(1)	189	18	-	-	3,405	303
MASSACHUSETTS	11	1	1,591	168	7	(1)	109,101	10,626
RHODE ISLAND	-	-	-	-	-	-	116	9
TOTAL	13	1	1,780	186	7	(1)	112,622	10,938
MIDDLE ATLANTIC:								
NEW YORK	-	-	-	-	-	-	5	1
NEW JERSEY	-	-	-	-	-	-	2	(1)
TOTAL	-	-	-	-	-	-	7	1
GRAND TOTAL	13	1	1,780	186	7	(1)	112,629	10,939

1/ LESS THAN 500 DOLLARS.

PACIFIC COAST HALIBUT FISHERY

The 1959 North Pacific halibut catch of the United States and Canadian craft which landed at Washington, Oregon, Alaska, and British Columbia ports totaled 71.4 million pounds (dressed weight) valued at 13.5 million dollars. This was an increase of 6.5 million pounds and a decrease of 190 thousand dollars when compared with 1958. The Canadian fleet landed around 2 million pounds more in 1959 than during the previous year, and deliveries by the United States fleet increased over 4 million pounds. Landings by the Canadian fleet were the largest in history. The number of United States-operated halibut vessels was 46 less than in 1958. The average price paid to fishermen during 1959 was 2.2 cents less than in 1958.

The 1959 Pacific halibut fishing season opened May 1 in Areas 1A, 1B, 2 and 3A. Area 3B opened on April 1. The fishing season in Areas 1B and 2 closed July 8, a 68-day period. The second season in Areas 1B and 2 opened on August 22 for a 7-day period with no catch limits. There was no second halibut season in Areas 1A, 3A, and 3B. The season in Area 3A closed on August 1 after 92 days fishing when the quota of 30 million pounds had been taken. Areas 1A and 3B remained opened to halibut fishing until October 16.

Data on the landings of halibut in the following tables represent the dressed weight of the fish, i.e. the weight on which the quota is based. In the other tables of this report, halibut landed in Canada by vessels of United States registry, is credited to Alaska. Data on the dressed weight of halibut appearing in this Section can be converted to round weight by multiplying by 1.33.

SUMMARY OF UNITED STATES HALIBUT FLEET OPERATING UNITS, 1959

ITEM	WASHINGTON AND OREGON FLEET	ALASKA FLEET	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER
REGULAR HALIBUT VESSELS:			
NUMBER	136	294	349
NET TONNAGE	4,104	6,084	7,622
CREW	811	1,322	1,638
SKATES OF LINES	5,090	8,365	10,196
REGULAR HALIBUT BOATS:			
NUMBER	-	26	26
CREW	-	44	44
SKATES OF LINES	-	160	160
BOATS PRIMARILY IN OTHER FISHERIES BY LANDING SMALL FARES OF HALIBUT: 1/			
NUMBER	2	52	54
CREW	5	78	83
SKATES OF LINES	32	310	342

1/ DOES NOT INCLUDE TROLLERS OR OTHER BOATS CATCHING HALIBUT INCIDENTAL TO OTHER FISHING OPERATIONS.

NOTE:--UNITED STATES VESSELS LANDING HALIBUT AT PRINCE RUPERT, B.C. HAVE BEEN INCLUDED WITH THOSE LANDING IN ALASKA.

CATCH BY UNITED STATES HALIBUT FLEET, 1959

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	LANDED IN						TOTAL	
	WASHINGTON AND OREGON		BRITISH COLUMBIA		ALASKA			
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
HALIBUT	17,843	3,857	263	48	22,275	3,836	40,381	7,741
SABLEFISH	2,126	377	1	(1)	1,617	186	3,744	563
LINGCOD	62	4	-	-	3	(1)	65	4
ROCKFISH	100	5	-	-	6	(1)	106	5
TOTAL	20,131	4,243	264	48	23,901	4,022	44,296	8,313

1/ LESS THAN 500 DOLLARS.

NOTE:--LANDINGS OF HALIBUT AND SABLEFISH LIVERS BY THE UNITED STATES HALIBUT FLEET AT PACIFIC COAST PORTS DURING 1959 AMOUNTED TO 73,441 POUNDS, VALUED AT $16,524. THESE VESSELS ALSO LANDED 16,782 POUNDS OF HALIBUT VISCERA VALUED AT $1,342. LANDINGS OF FISH OTHER THAN HALIBUT BY THE HALIBUT FLEET ARE NOT COMPLETE IN THIS TABULATION. THE QUANTITIES SHOWN IN THE ABOVE TABLE REPRESENT DRESSED WEIGHTS OF THE FISH.

REVIEW OF CERTAIN MAJOR FISHERIES

SUMMARY OF UNITED STATES AND CANADIAN HALIBUT CATCH, 1959

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

FLEET CLASSIFICATION	LANDED IN						TOTAL	
	WASHINGTON AND OREGON		BRITISH COLUMBIA		ALASKA			
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
UNITED STATES FLEET 1/	17,843	3,857	263	48	22,275	3,836	40,381	7,741
BRITISH COLUMBIA FLEET	2,945	640	23,933	4,423	4,166	680	31,044	5,743
TOTAL	20,788	4,497	24,196	4,471	26,441	4,516	71,425	13,484

1/ IN ADDITION THERE WERE APPROXIMATELY 65,000 POUNDS OF "NORTHERN" HALIBUT LANDED IN CALIFORNIA.

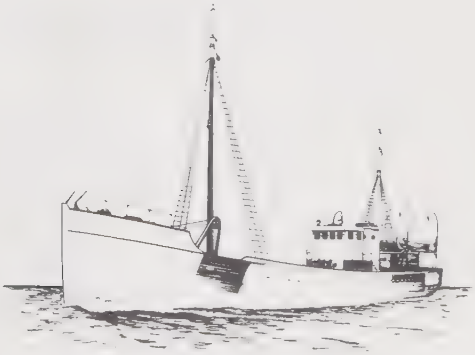
NOTE:--STATISTICS IN THE ABOVE TABLES WERE COMPILED FROM DATA COLLECTED BY THE INTERNATIONAL PACIFIC HALIBUT COMMISSION FOR WASHINGTON, OREGON, AND BRITISH COLUMBIA, AND BY THE BUREAU OF COMMERCIAL FISHERIES FOR ALASKA. QUANTITIES SHOWN ON THE ABOVE TABLE REPRESENT DRESSED WEIGHT OF THE FISH.

ATLANTIC OCEAN PERCH FISHERY

The catch of Atlantic ocean perch in 1959 totaled 136.7 million pounds valued at 5.7 million dollars. This was a decrease of 11.9 million pounds and about 600 thousand dollars -- down 8 percent in volume and 10 percent in value compared with 1958. The entire 1959 production of Atlantic ocean perch was taken by otter trawls and landed in the States of Maine and Massachusetts. Landings of ocean perch at Maine ports during 1959 were 75.2 million pounds valued at 3.1 million dollars. The Maine landings accounted for 55 percent of the total catch, about 7 percent more than in 1958.

The banks off Nova Scotia were the principal fishing grounds of the ocean perch fleet, accounting for 53 percent of the total landings of this species. The Grand Banks area was next with nearly 36 percent while the catch in the Gulf of St. Lawrence accounted for 11 percent. Negligible quantities of ocean perch were also taken off Labrador and Northeast Newfoundland.

Since most of the catch is packaged and frozen, the ocean perch fishery supports a large filleting industry in New England. Fishermen averaged 4.1 cents per pound for the 1959 catch.



OTTER TRAWLER USED IN OFFSHORE OCEAN PERCH FISHERY

REVIEW OF CERTAIN MAJOR FISHERIES

PACIFIC COAST SALMON FISHERY

The 1959 commercial salmon catch in the Pacific Coast States amounted to only 202 million pounds valued at 35.7 million dollars to the fishermen. This was a decline of 34 percent in volume and 22 percent in value compared with the previous year.

The Alaska catch totaled only 147 million pounds, probably the smallest catch since 1900. Failure of the run of pinks and chums in Alaska contributed substantially to the sharp decline. The Puget Sound catch of sockeye, while less than the previous year, was the best of its cycle for many years.

Alaska gained statehood during 1959 and assumed control of its fisheries for the first time in history. One of the first acts of the new State was to outlaw salmon traps in areas under State jurisdiction.

Purse seines were the most important gear used in taking salmon in 1959 accounting for 44 percent of the total catch. Gill nets were in second place with 36 percent followed by lines with 13 percent. The remaining 7 percent was taken by haul seines, pound nets, dip nets, reef nets, and wheels.

SALMON CATCH BY DISTRICT AND GEAR, 1959

(THOUSANDS OF POUNDS)

GEAR AND SPECIES	ALASKA			
	SOUTHEASTERN	CENTRAL	WESTERN	TOTAL
	QUANTITY	QUANTITY	QUANTITY	QUANTITY
HAUL SEINES:				
CHINOOK OR KING	-	23	12	35
CHUM OR KETA	-	3,535	1,377	4,912
PINK	-	1,858	15	1,873
RED OR SOCKEYE	-	2,902	99	3,001
SILVER OR COHO	-	106	1	107
TOTAL	-	8,424	1,504	9,928
PURSE SEINES:				
CHINOOK OR KING	91	36	15	142
CHUM OR KETA	9,048	8,087	954	18,089
PINK	32,815	9,521	64	42,400
RED OR SOCKEYE	3,114	1,396	762	5,272
SILVER OR COHO	1,409	89	3	1,501
TOTAL	46,477	19,129	1,798	67,404
POUND NETS (TRAPS):				
CHINOOK OR KING	(1)	-	-	(1)
CHUM OR KETA	178	-	-	178
PINK	1,780	-	-	1,780
RED OR SOCKEYE	106	-	-	106
SILVER OR COHO	60	-	-	60
TOTAL	2,124	-	-	2,124
GILL NETS, ANCHOR:				
CHINOOK OR KING	32	533	1,521	2,086
CHUM OR KETA	456	861	450	1,767
PINK	58	774	1	833
RED OR SOCKEYE	545	3,205	3,283	7,033
SILVER OR COHO	1,887	651	249	2,787
TOTAL	2,978	6,024	5,504	14,506
GILL NETS, DRIFT:				
CHINOOK OR KING	683	353	1,996	3,032
CHUM OR KETA	2,939	1,628	2,743	7,310
PINK	869	39	5	913
RED OR SOCKEYE	761	2,554	24,662	27,977
SILVER OR COHO	930	1,776	359	3,065
TOTAL	6,182	6,350	29,765	42,297
LINES:				
CHINOOK OR KING	6,370	30	-	6,400
CHUM OR KETA	13	-	-	13
PINK	247	1	-	248
RED OR SOCKEYE	1	-	-	1
SILVER OR COHO	4,318	14	-	4,332
TOTAL	10,949	45	-	10,994
WHEELS, CHINOOK OR KING	-	-	25	25
GRAND TOTAL	68,710	39,972	38,596	147,278

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

SALMON CATCH BY DISTRICT AND GEAR, 1959 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

GEAR AND SPECIES	WASHINGTON							
	PUGET SOUND		WASHINGTON COAST		COLUMBIA RIVER		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
HAUL SEINES:								
CHINOOK OR KING.	37	11	-	-	-	-	37	11
CHUM OR KETA	136	23	-	-	-	-	136	23
PINK	331	53	-	-	-	-	331	53
SILVER OR COHO	48	14	-	-	-	-	48	14
TOTAL.	552	101	-	-	-	-	552	101
PURSE SEINES:								
CHINOOK OR KING.	469	96	-	-	-	-	469	96
CHUM OR KETA	2,118	382	-	-	-	-	2,118	382
PINK	10,056	1,528	-	-	-	-	10,056	1,528
RED OR SOCKEYE	7,357	2,287	-	-	-	-	7,357	2,287
SILVER OR COHO	754	201	-	-	-	-	754	201
TOTAL.	20,754	4,494	-	-	-	-	20,754	4,494
POUND NETS:								
CHINOOK OR KING.	74	22	-	-	157	16	231	38
CHUM OR KETA	7	1	-	-	-	-	7	1
PINK	117	19	-	-	-	-	117	19
RED OR SOCKEYE	2	1	-	-	-	-	2	1
SILVER OR COHO	66	18	-	-	(1)	(1)	66	18
TOTAL.	266	61	-	-	157	16	423	77
GILL NETS:								
CHINOOK OR KING.	466	140	449	132	1,437	461	2,352	733
CHUM OR KETA	2,035	387	1,811	305	16	2	3,862	694
PINK	1,641	250	-	-	-	-	1,641	250
RED OR SOCKEYE	1,406	436	111	46	171	56	1,688	538
SILVER OR COHO	1,412	395	563	166	29	7	2,004	568
TOTAL.	6,960	1,608	2,934	649	1,653	526	11,547	2,783
LINES:								
CHINOOK OR KING.	1,878	722	691	256	104	38	2,673	1,016
CHUM OR KETA	2	(1)	(1)	(1)	-	-	2	(1)
PINK	860	151	103	17	(1)	(1)	963	168
RED OR SOCKEYE	26	8	-	-	-	-	26	8
SILVER OR COHO	1,742	499	1,551	425	411	108	3,704	1,032
TOTAL.	4,508	1,380	2,345	698	515	146	7,368	2,224
DIP NETS:								
CHINOOK OR KING.	-	-	-	-	75	23	75	23
RED OR SOCKEYE	-	-	-	-	2	1	2	1
SILVER OR COHO	-	-	-	-	2	(1)	2	(1)
TOTAL.	-	-	-	-	79	24	79	24
REEF NETS:								
CHINOOK OR KING.	47	10	-	-	-	-	47	10
CHUM OR KETA	45	8	-	-	-	-	45	8
PINK	578	88	-	-	-	-	578	88
RED OR SOCKEYE	852	264	-	-	-	-	852	264
SILVER OR COHO	63	17	-	-	-	-	63	17
TOTAL.	1,585	387	-	-	-	-	1,585	387
GRAND TOTAL.	34,625	8,031	5,279	1,347	2,404	712	42,308	10,090

GEAR AND SPECIES	OREGON					
	COLUMBIA RIVER		OREGON COAST		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
GILL NETS:						
CHINOOK OR KING.	3,082	989	28	9	3,110	998
CHUM OR KETA	27	3	69	7	96	10
RED OR SOCKEYE	472	156	-	-	472	156
SILVER OR COHO	90	22	10	2	100	24
TOTAL.	3,671	1,170	107	18	3,778	1,188
LINES:						
CHINOOK OR KING.	74	28	450	168	524	196
PINK	1	(1)	6	1	7	1
SILVER OR COHO	231	62	772	205	1,003	267
TOTAL.	306	90	1,228	374	1,534	464
DIP NETS:						
CHINOOK OR KING.	16	5	-	-	16	5
RED OR SOCKEYE	1	(1)	-	-	1	(1)
TOTAL.	17	5	-	-	17	5
GRAND TOTAL.	3,994	1,265	1,335	392	5,329	1,657

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

SALMON CATCH BY DISTRICT AND GEAR, 1959 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

GEAR AND SPECIES	CALIFORNIA					
	NORTHERN		SAN FRANCISCO		MONTEREY	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
LINES:						
CHINOOK OR KING.	1,685	686	4,171	1,978	245	112
SILVER OR COHO	167	64	412	157	24	9
TOTAL.	1,852	750	4,583	2,135	269	121

GEAR AND SPECIES	CALIFORNIA - CONTINUED					
	SANTA BARBARA		SAN PEDRO		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
LINES:						
CHINOOK OR KING.	58	29	1	(1)	6,160	2,805
SILVER OR COHO	6	2	-	-	609	232
TOTAL.	64	31	1	(1)	6,769	3,037

1/ LESS THAN 500 POUNDS OR 500 DOLLARS.

SUMMARY OF SALMON CATCH BY DISTRICTS, 1959

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	ALASKA							
	SOUTHEASTERN		CENTRAL		WESTERN		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
CHINOOK OR KING.	7,176	2,111	975	220	3,569	671	11,720	3,002
CHUM OR KETA	12,634	1,011	14,111	952	5,524	426	32,269	2,389
PINK	35,769	3,778	12,193	1,136	85	7	48,047	4,921
RED OR SOCKEYE	4,527	1,182	10,057	2,356	28,806	4,737	43,390	8,275
SILVER OR COHO	8,604	1,963	2,636	346	612	61	11,852	2,370
TOTAL	68,710	10,045	39,972	5,010	38,596	5,902	147,278	20,957

SPECIES	WASHINGTON							
	PUGET SOUND		WASHINGTON COAST		COLUMBIA RIVER		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
CHINOOK OR KING.	2,971	1,001	1,140	388	1,773	538	5,884	1,927
CHUM OR KETA	4,343	801	1,811	305	16	2	6,170	1,108
PINK	13,583	2,088	103	17	(1)	(1)	13,686	2,105
RED OR SOCKEYE	9,643	2,997	111	46	173	57	9,927	3,100
SILVER OR COHO	4,085	1,144	2,114	591	442	115	6,641	1,850
TOTAL.	34,625	8,031	5,279	1,347	2,404	712	42,308	10,090

SPECIES	OREGON					
	COLUMBIA RIVER		OREGON COAST		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
CHINOOK OR KING.	3,172	1,022	478	177	3,650	1,199
CHUM OR KETA	27	3	69	7	96	10
PINK	1	(1)	6	1	7	1
RED OR SOCKEYE	473	156	-	-	473	156
SILVER OR COHO	321	84	782	207	1,103	291
TOTAL.	3,994	1,265	1,335	392	5,329	1,657

SPECIES	CALIFORNIA					
	NORTHERN		SAN FRANCISCO		MONTEREY	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
CHINOOK OR KING.	1,685	686	4,171	1,978	245	112
SILVER OR COHO	167	64	412	157	24	9
TOTAL.	1,852	750	4,583	2,135	269	121

SPECIES	CALIFORNIA - CONTINUED					
	SANTA BARBARA		SAN PEDRO		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
CHINOOK OR KING.	58	29	1	(1)	6,160	2,805
SILVER OR COHO	6	2	-	-	609	232
TOTAL.	64	31	1	(1)	6,769	3,037

1/ LESS THAN 500 POUNDS AND 500 DOLLARS.

SUMMARY OF SALMON CATCH BY GEAR, 1959

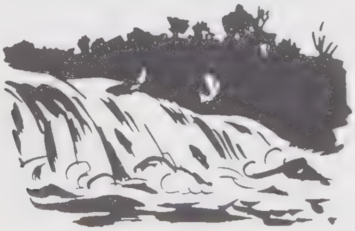
(THOUSANDS OF POUNDS)

STATE AND DISTRICT	HAUL SEINES	PURSE SEINES	POUND NETS	GILL NETS	LINES	DIP NETS	REEF NETS	WHEELS	TOTAL
	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
ALASKA:									
SOUTHEASTERN. . .	-	46,477	2,124	9,160	10,349	-	-	-	68,710
CENTRAL	8,424	19,129	-	12,374	45	-	-	-	39,972
WESTERN	1,504	1,798	-	35,269	-	-	-	25	38,596
TOTAL.	9,928	67,404	2,124	56,803	10,394	-	-	25	147,278
WASHINGTON:									
PUGET SOUND . . .	552	20,754	266	6,960	4,508	-	1,585	-	34,625
WASHINGTON COAST.	-	-	-	2,934	2,345	-	-	-	5,279
COLUMBIA RIVER. .	-	-	157	1,653	515	79	-	-	2,404
TOTAL.	552	20,754	423	11,547	7,368	79	1,585	-	42,308
OREGON:									
COLUMBIA RIVER. .	-	-	-	3,671	306	17	-	-	3,994
OREGON COAST. . .	-	-	-	107	1,228	-	-	-	1,335
TOTAL.	-	-	-	3,778	1,534	17	-	-	5,329
CALIFORNIA:									
NORTHERN.	-	-	-	-	1,852	-	-	-	1,852
SAN FRANCISCO . .	-	-	-	-	4,583	-	-	-	4,583
MONTEREY.	-	-	-	-	269	-	-	-	269
SANTA BARBARA . .	-	-	-	-	64	-	-	-	64
SAN PEDRO	-	-	-	-	1	-	-	-	1
TOTAL.	-	-	-	-	6,769	-	-	-	6,769
GRAND TOTAL. .	10,480	88,158	2,547	72,128	26,665	96	1,585	25	201,684

SUMMARY OF SALMON CATCH BY SPECIES, 1959

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	TOTAL	
	QUANTITY	VALUE
CHINOOK OR KING	27,414	8,933
CHUM OR KETA.	38,535	3,507
PINK.	61,740	7,027
RED OR SOCKEYE.	53,790	11,531
SILVER OR COHO.	20,205	4,743
TOTAL.	201,684	35,741



PACIFIC SARDINE FISHERY

The 1959 catch of Pacific sardines amounted to 74.4 million pounds valued at 1.5 million dollars. Compared with 1958 this was a decrease of 133.1 million pounds or 64 percent in volume and nearly 4.0 million dollars or 73 percent in value. All the 1959 production of Pacific sardines was taken by purse seines and lampara nets and was landed in the Monterey, Santa Barbara, San Pedro, and San Diego Districts of California.

REVIEW OF CERTAIN MAJOR FISHERIES

PACIFIC COAST MACKEREL FISHERIES

The 1959 catch of jack and Pacific mackerel amounted to 75.3 million pounds valued at 1.9 million dollars. This was a gain of 25.6 million pounds and 728 thousand dollars compared with the previous year's production. The catch of jack mackerel was 15.6 million pounds greater than in 1958 while that of Pacific mackerel increased nearly 10 million pounds. Despite the gains, the total catch of the two species was well below the average catches during recent years and far less than the record 146.5 million pounds of jack mackerel taken in 1952 and the 146.4 million pounds of Pacific mackerel taken in 1935.

The 1959 ex-vessel price for both jack and Pacific mackerel remained steady at $50.00 per ton during the entire year.

As in previous years, most of the catch of both jack and Pacific mackerel was landed in the San Pedro district. Over 56 percent of the jack mackerel and 90 percent of the Pacific mackerel was landed in this district.

Purse seines and lampara nets took 99.3 percent of the jack mackerel and 49.1 percent of the Pacific mackerel landed in 1959. Brail or scoop nets accounted for 50.8 percent of the catch of Pacific mackerel.

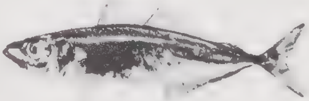
SUMMARY OF PACIFIC JACK MACKEREL CATCH, 1959

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

STATE AND DISTRICT	PURSE SEINES AND LAMPARA NETS		OTTER TRAWLS		GILL AND TRAMMEL NETS 1/	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
CALIFORNIA:						
SAN FRANCISCO.	1	(3)	(3)	(3)	-	-
MONTEREY	10,863	254	1	(3)	-	-
SANTA BARBARA.	5,401	118	-	-	-	-
SAN PEDRO.	21,181	523	-	-	18	1
TOTAL	37,446	895	1	(3)	18	1
HAWAII	-	-	-	-	5	1
GRAND TOTAL	37,446	895	1	(3)	23	2

STATE AND DISTRICT	LINES		BRAIL OR SCOOP NETS 2/		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
CALIFORNIA:						
SAN FRANCISCO.	-	-	-	-	1	(3)
MONTEREY	-	-	42	1	10,906	255
SANTA BARBARA.	-	-	-	-	5,401	118
SAN PEDRO.	-	-	-	-	21,199	524
TOTAL	-	-	42	1	37,507	897
HAWAII	65	36	122	39	192	76
GRAND TOTAL	65	36	164	40	37,699	973

1/ INCLUDES THE CATCH BY HAUL SEINES, BAG NETS, AND POTS AND TRAPS IN HAWAII.
2/ INCLUDES THE CATCH BY LIFT NETS AND UNCLASSIFIED NETS IN HAWAII.
3/ LESS THAN 500 POUNDS OR 500 DOLLARS.



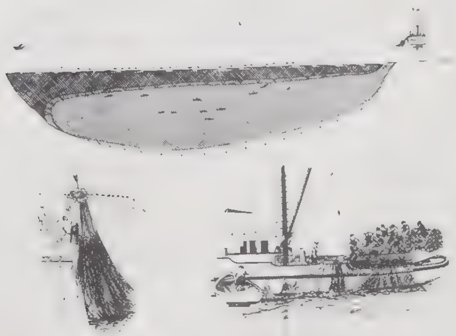
SUMMARY OF PACIFIC MACKEREL CATCH, 1959

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

STATE AND DISTRICT	PURSE SEINES AND LAMPARA NETS		OTTER TRAWLS		LINES	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
CALIFORNIA:						
MONTEREY	2,298	51	(1)	(1)	-	-
SANTA BARBARA	1,162	25	-	-	-	-
SAN PEDRO	14,969	382	-	-	16	1
SAN DIEGO	45	2	-	-	-	-
TOTAL	18,474	460	(1)	(1)	16	1

STATE AND DISTRICT	BRAIL OR SCOOP NETS		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE
CALIFORNIA:				
MONTEREY	9	(1)	2,307	51
SANTA BARBARA	80	2	1,242	27
SAN PEDRO	19,002	494	33,987	877
SAN DIEGO	21	1	66	3
TOTAL	19,112	497	37,602	958

1/ LESS THAN 500 POUNDS OR 500 DOLLARS.



PACIFIC COAST PURSE SEINER

REVIEW OF CERTAIN MAJOR FISHERIES

PACIFIC COAST TUNA FISHERY

The 1959 domestic catch of tuna landed at Pacific Coast and Hawaiian ports totaled 282.7 million pounds valued at 37.2 million dollars. Compared with the 1958 catch, this represented a decrease of 42.5 million pounds or 13 percent in volume and 7.3 million dollars or 16 percent in value. The California tuna fleet experienced the longest tie-up in its history. The purse-seine fleet of 50 vessels was tied up from May 1 to July 6, while the clipper fleet of 100 vessels began tying up on arrival after May 1 and remained idle until October 23.

Late in 1959 the American Tuna Boat Association tuna auction was curtailed and finally discontinued due to a sharply reduced tuna clipper fleet and establishment of a "floor" price which prevented a free auction.

As a result of increased catches by the purse-seine fleet during the previous year, wholesale conversion of clippers to purse-seine gear was started late in 1959.

In 1959, a total of 5,924 fishermen, 1,447 vessels, 223 motor boats, and 276 accessory boats engaged in the United States Pacific Coast tuna fishery.

SUMMARY OF PACIFIC COAST TUNA OPERATING UNITS, 1959

ITEM	PURSE SEINES	LINES, HAND			TOTAL, EXCLUSIVE OF DUPLICATION
		ALBACORE BAIT BOATS	TUNA CLIPPERS	ALBACORE TROLLERS	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
FISHERMEN:					
ON VESSELS	760	640	1,582	2,856	5,528
ON BOATS AND SHORE	-	48	-	384	396
TOTAL	760	688	1,582	3,240	5,924
VESSELS, MOTOR:					
5 TO 9 TONS	1	75	2	532	536
10 TO 19 TONS	9	57	13	471	489
20 TO 29 TONS	6	13	7	145	158
30 TO 39 TONS	2	7	4	42	45
40 TO 49 TONS	4	3	3	20	26
50 TO 59 TONS	12	1	1	7	21
60 TO 69 TONS	4	-	-	-	4
70 TO 79 TONS	31	-	3	2	36
80 TO 89 TONS	8	-	7	1	13
90 TO 99 TONS	5	2	9	-	13
100 TO 109 TONS	3	-	4	-	7
110 TO 119 TONS	-	-	6	-	6
120 TO 129 TONS	-	-	9	-	9
130 TO 139 TONS	-	-	11	-	11
140 TO 149 TONS	1	1	3	-	4
150 TO 159 TONS	2	2	7	-	10
160 TO 169 TONS	1	-	5	-	6
170 TO 179 TONS	5	-	5	-	10
180 TO 189 TONS	2	-	17	-	19
190 TO 199 TONS	-	-	11	-	11
200 TO 209 TONS	-	-	3	-	3
210 TO 219 TONS	-	-	3	-	3
220 TO 229 TONS	1	-	1	-	2
230 TO 239 TONS	-	-	1	-	1
250 TO 259 TONS	-	-	1	-	1
270 TO 279 TONS	-	-	2	-	2
360 TO 369 TONS	-	-	1	-	1
TOTAL VESSELS	97	161	139	1,220	1,447
TOTAL NET TONNAGE	7,250	2,737	17,462	16,501	41,145
BOATS, MOTOR	-	24	-	219	223
ACCESSORY BOATS	97	56	139	-	276
GEAR:					
NUMBER	97	576	1,582	13,663	-
LENGTH, YARDS	73,380	-	-	-	-
HOOKS	-	576	1,582	13,663	-

SUMMARY OF PACIFIC COAST TUNA CATCH, 1959

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES, STATE AND DISTRICT	PURSE SEINES		LINFS		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
ALBACORE:						
WASHINGTON:						
PUGET SOUND.	-	-	364	65	364	65
COASTAL.	-	-	1,792	340	1,792	340
COLUMBIA RIVER	-	-	805	160	805	160
TOTAL	-	-	2,961	565	2,961	565
OREGON:						
COLUMBIA RIVER	-	-	6,510	1,250	6,510	1,250
COASTAL.	-	-	4,072	733	4,072	733
TOTAL	-	-	10,582	1,983	10,582	1,983
CALIFORNIA:						
NORTHERN	-	-	4,592	729	4,592	729
SAN FRANCISCO.	-	-	3,632	621	3,632	621
MONTEREY	-	-	2,293	405	2,293	405
SANTA BARBARA.	-	-	4,085	765	4,085	765
SAN PEDRO.	2	(1)	14,323	2,830	14,325	2,830
SAN DIEGO.	-	-	3,814	733	3,814	733
TOTAL	2	(1)	32,739	6,083	32,741	6,083
HAWAII, TOTAL.	-	-	11	2	11	2
GRAND TOTAL, ALBACORE . .	2	(1)	46,293	8,633	46,295	8,633
BLUEFIN:						
OREGON, COLUMBIA RIVER, TOTAL	-	-	(1)	(1)	(1)	(1)
CALIFORNIA:						
SANTA BARBARA.	1	(1)	-	-	1	(1)
SAN PEDRO.	14,196	1,771	-	-	14,196	1,771
SAN DIEGO.	997	105	-	-	997	105
TOTAL	15,194	1,876	(1)	(1)	15,194	1,876
HAWAII, TOTAL 2/	-	-	1,322	574	1,322	574
GRAND TOTAL, BLUEFIN. . .	15,194	1,876	1,322	574	16,516	2,450
LITTLE, HAWAII, TOTAL. . . .	-	-	19	4	19	4
SKIPJACK:						
OREGON:						
COLUMBIA RIVER	-	-	1	(1)	1	(1)
COASTAL.	-	-	(1)	(1)	(1)	(1)
TOTAL	-	-	1	(1)	1	(1)
CALIFORNIA:						
NORTHERN	-	-	(1)	(1)	(1)	(1)
SAN FRANCISCO.	-	-	1	(1)	1	(1)
MONTEREY	-	-	(1)	(1)	(1)	(1)
SANTA BARBARA.	-	-	(1)	(1)	(1)	(1)
SAN PEDRO.	10,918	1,146	55,214	5,784	66,132	6,930
SAN DIEGO.	-	-	32,348	3,494	32,348	3,494
TOTAL	10,918	1,146	87,563	9,278	98,481	10,424
HAWAII, TOTAL.	-	-	12,413	1,475	12,413	1,475
GRAND TOTAL, SKIPJACK . .	10,918	1,146	99,977	10,753	110,895	11,899
YELLOWFIN:						
CALIFORNIA:						
SAN PEDRO.	49,176	6,430	36,864	4,729	86,040	11,159
SAN DIEGO.	2,128	277	20,202	2,633	22,330	2,910
TOTAL	51,304	6,707	57,066	7,362	108,370	14,069
HAWAII, TOTAL.	-	-	569	178	569	178
GRAND TOTAL, YELLOWFIN. .	51,304	6,707	57,635	7,540	108,939	14,247
GRAND TOTAL, ALL SPECIES.	77,418	9,729	205,246	27,504	282,664	37,233

1/ LESS THAN 500 POUNDS OR 500 DOLLARS.

2/ INCLUDES THE CATCH OF BIG-EYED TUNA.

REVIEW OF CERTAIN MAJOR FISHERIES

ATLANTIC AND GULF COAST MENHADEN FISHERY

The 1959 menhaden catch amounted to 2.2 billion pounds valued at 26.2 million dollars. This represents an increase of 653.6 million pounds or 42 percent in volume and 4.3 million dollars or 20 percent in value. The 1959 catch of menhaden was a record year for this fishery. Increases were recorded in all sections where the fishery is prosecuted but the greatest gain occurred in the Gulf where landings increased 70 percent over the previous year.

Purse seines accounted for 98 percent of the 1959 catch. Other types of gear (pounds nets, haul seines, gill nets, fyke nets, floating traps, and otter trawls) accounted for the remaining 2 percent.

Of the total, 34 percent was landed in the Gulf, 30 percent in the Middle Atlantic, 19 percent in Chesapeake area, 15 percent in the South Atlantic area and 2 percent in New England.

There is included in this section for the third year, a detailed summary of operating units engaged in the Atlantic and Gulf Coast menhaden purse seine fishery. During 1959 a total of 4,684 fishermen, 222 vessels, and 645 accessory craft were engaged in the menhaden fishery.

U. S. SUMMARY OF MENHADEN PURSE SEINE VESSELS, BY TONNAGE GROUPS, 1959

NET TONNAGE	NEW ENGLAND			MIDDLE ATLANTIC				CHESAPEAKE
	MASSACHUSETTS	RHODE ISLAND	TOTAL, EXCLUSIVE OF DUPLICATION	NEW YORK	NEW JERSEY	DELAWARE	TOTAL, EXCLUSIVE OF DUPLICATION	VIRGINIA
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
5 - 9	-	-	-	-	1	-	1	-
10 - 19	1	1	2	-	-	-	-	-
20 - 29	5	4	5	-	1	-	1	8
30 - 39	2	-	2	1	2	1	2	8
40 - 49	-	-	-	-	2	2	4	3
50 - 59	4	-	4	-	1	1	2	1
60 - 69	2	-	2	-	-	1	1	1
70 - 79	-	-	-	-	3	1	4	-
80 - 89	1	-	1	-	3	-	3	1
90 - 99	1	-	1	-	-	-	-	1
100 - 109	-	-	-	1	5	3	8	2
110 - 119	-	-	-	-	1	12	13	1
120 - 129	-	-	-	1	2	-	3	2
130 - 139	-	-	-	1	3	1	5	1
140 - 149	-	-	-	3	1	-	3	-
150 - 159	-	-	-	1	1	-	2	-
160 - 169	-	-	-	-	1	-	1	-
170 - 179	-	-	-	-	1	-	1	-
200 - 209	-	-	-	2	-	-	2	-
220 - 229	-	-	-	-	2	-	2	-
250 - 259	-	-	-	-	-	-	-	1
260 - 269	-	-	-	-	-	-	-	1
TOTAL VESSELS	16	5	17	10	30	22	58	31
TOTAL NET TONNAGE. . .	710	111	725	1,408	3,105	2,184	6,362	2,114

NET TONNAGE	SOUTH ATLANTIC				GULF					GRAND TOTAL, EXCLUSIVE OF DUPLICATION
	NORTH CAROLINA	SOUTH CAROLINA	FLORIDA, EAST COAST	TOTAL, EXCLUSIVE OF DUPLICATION	FLORIDA, WEST COAST	MISSISSIPPI	LOUISIANA	TEXAS	TOTAL, EXCLUSIVE OF DUPLICATION	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
5 - 9	-	-	-	-	-	-	-	-	-	1
10 - 19	-	-	-	-	-	-	-	-	-	2
20 - 29	1	-	-	1	-	-	-	-	-	15
30 - 39	3	-	-	3	1	-	-	3	4	18
40 - 49	8	-	1	9	1	-	-	2	3	16
50 - 59	2	1	1	4	-	3	3	4	9	19
60 - 69	3	-	1	3	-	1	2	-	3	9
70 - 79	1	3	1	5	-	-	2	1	3	11
80 - 89	2	-	-	2	1	2	2	-	5	11
90 - 99	2	-	2	3	-	1	4	1	5	10

(CONTINUED ON NEXT PAGE)

REVIEW OF CERTAIN MAJOR FISHERIES

U. S. SUMMARY OF MENHADEN PURSE SEINE VESSELS, BY TONNAGE GROUPS, 1959 - Continued

NET TONNAGE	SOUTH ATLANTIC				GULF					GRAND TOTAL, EXCLUSIVE OF DUPLICATION
	NORTH CAROLINA	SOUTH CAROLINA	FLORIDA, EAST COAST	TOTAL, EXCLUSIVE OF DUPLICATION	FLORIDA, WEST COAST	MISSISSIPPI	LOUISIANA	TEXAS	TOTAL, EXCLUSVIE OF DUPLICATION	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
100 - 109	8	-	1	8	-	1	4	4	9	24
110 - 119	5	-	-	5	-	5	5	1	8	25
120 - 129	3	-	-	3	-	5	4	1	8	13
130 - 139	8	-	-	8	-	2	7	-	8	17
140 - 149	4	-	-	4	-	1	-	-	1	5
150 - 159	3	-	-	3	-	-	3	-	3	5
160 - 169	1	-	-	1	-	-	1	-	1	2
170 - 179	3	-	-	3	-	1	1	-	2	6
180 - 189	1	-	-	1	-	-	-	-	-	1
190 - 199	1	-	-	1	-	1	-	-	1	1
200 - 209	1	-	-	1	-	-	-	-	-	2
220 - 229	2	-	-	2	-	-	-	-	-	2
250 - 259	-	-	-	-	-	-	-	-	-	1
260 - 269	1	-	-	1	-	-	1	-	1	2
280 - 289	-	-	-	-	-	-	1	-	1	1
330 - 339	-	-	-	-	-	1	1	-	1	1
340 - 349	-	-	-	-	-	1	1	-	1	1
380 - 389	-	-	-	-	-	1	1	-	1	1
TOTAL VESSELS.	63	4	7	71	3	26	43	17	78	222
TOTAL NET TONNAGE . . .	7,107	265	525	7,639	171	3,629	5,805	1,261	8,935	21,545

SUMMARY OF UNITED STATES MENHADEN PURSE SEINE OPERATING UNITS, 1959

AREA AND STATE	VESSELS		ACCESSORY BOATS	FISHERMEN	PURSE SEINES	
	NUMBER	NET TONNAGE	NUMBER	NUMBER	NUMBER	LENGTH IN YARDS
NEW ENGLAND:						
MASSACHUSETTS	16	710	32	210	16	7,375
RHODE ISLAND.	5	111	8	38	5	1,600
TOTAL, EXCLUSIVE OF DUPLICATION	17	725	34	217	17	7,600
MIDDLE ATLANTIC:						
NEW YORK.	10	1,408	30	190	10	4,000
NEW JERSEY.	30	3,105	88	544	30	11,090
DELAWARE.	22	2,184	66	408	22	7,620
TOTAL, EXCLUSIVE OF DUPLICATION	58	6,362	172	1,066	58	21,280
CHESAPEAKE, VIRGINIA.	31	2,114	91	553	31	11,750
SOUTH ATLANTIC:						
NORTH CAROLINA.	63	7,107	189	1,400	63	25,200
SOUTH CAROLINA.	4	265	12	88	4	1,600
FLORIDA, EAST COAST	7	525	21	154	7	2,800
TOTAL, EXCLUSIVE OF DUPLICATION	71	7,639	213	1,576	71	28,400
GULF:						
FLORIDA, WEST COAST	3	171	9	72	3	1,200
MISSISSIPPI	26	3,629	78	592	26	10,050
LOUISIANA	43	5,805	129	1,069	43	19,409
TEXAS	17	1,261	51	441	17	8,300
TOTAL, EXCLUSIVE OF DUPLICATION	78	8,935	234	1,921	78	34,684
GRAND TOTAL, EXCLUSIVE OF DUPLICATION.	222	21,545	645	4,684	222	90,751

SUMMARY OF MENHADEN CATCH, 1959

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

AREA AND STATE	HAUL SEINES		PURSE SEINES		OTTER TRAWLS		POUND NETS	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
NEW ENGLAND:								
MASSACHUSETTS	-	-	36,503	504	-	-	70	1
RHODE ISLAND.	-	-	16,217	195	-	-	-	-
CONNECTICUT	2	(1)	-	-	3	(1)	-	-
TOTAL.	2	(1)	52,720	699	3	(1)	70	1
MIDDLE ATLANTIC:								
NEW YORK.	-	-	74,370	945	-	-	1,413	14
NEW JERSEY.	-	-	280,174	3,283	(1)	(1)	15,795	173
DELAWARE.	-	-	281,132	3,149	-	-	-	-
TOTAL.	-	-	635,676	7,377	(1)	(1)	17,208	187
CHESAPEAKE:								
MARYLAND.	15	(1)	-	-	-	-	2,170	33
VIRGINIA.	3,908	59	387,100	3,987	-	-	21,027	323
TOTAL.	3,923	59	387,100	3,987	-	-	23,197	356
SOUTH ATLANTIC:								
NORTH CAROLINA.	-	-	279,888	3,247	-	-	-	-
SOUTH CAROLINA.	-	-	3,991	29	-	-	-	-
FLORIDA, EAST COAST . . .	8	(1)	46,141	351	-	-	-	-
TOTAL.	8	(1)	330,020	3,627	-	-	-	-
GULF:								
FLORIDA, WEST COAST . . .	12	(1)	17,570	204	-	-	-	-
MISSISSIPPI	-	-	174,082	2,193	-	-	-	-
LOUISIANA	-	-	442,740	5,977	-	-	-	-
TEXAS	-	-	117,424	1,527	-	-	-	-
TOTAL.	12	(1)	751,816	9,901	-	-	-	-
GRAND TOTAL.	3,945	59	2,157,332	25,591	3	(1)	40,475	544

AREA AND STATE	FLOATING TRAPS		FYKE NETS		GILL NETS		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
NEW ENGLAND:								
MASSACHUSETTS	12	(1)	-	-	-	-	36,585	505
RHODE ISLAND.	28	(1)	-	-	-	-	16,245	195
CONNECTICUT	-	-	-	-	16	(1)	21	(1)
TOTAL.	40	(1)	-	-	16	(1)	52,851	700
MIDDLE ATLANTIC:								
NEW YORK.	-	-	-	-	-	-	75,783	959
NEW JERSEY.	-	-	-	-	131	4	296,100	3,460
DELAWARE.	-	-	-	-	9	(1)	281,141	3,149
TOTAL.	-	-	-	-	140	4	653,024	7,568
CHESAPEAKE:								
MARYLAND.	-	-	10	(1)	8	(1)	2,203	33
VIRGINIA.	-	-	257	4	10	(1)	412,302	4,373
TOTAL.	-	-	267	4	18	(1)	414,505	4,406
SOUTH ATLANTIC:								
NORTH CAROLINA.	-	-	-	-	-	-	279,888	3,247
SOUTH CAROLINA.	-	-	-	-	-	-	3,991	29
FLORIDA, EAST COAST . . .	-	-	-	-	488	11	46,637	362
TOTAL.	-	-	-	-	488	11	330,516	3,638
GULF:								
FLORIDA, WEST COAST . . .	-	-	-	-	8	(1)	17,590	204
MISSISSIPPI	-	-	-	-	-	-	174,082	2,193
LOUISIANA	-	-	-	-	-	-	442,740	5,977
TEXAS	-	-	-	-	-	-	117,424	1,527
TOTAL.	-	-	-	-	8	(1)	751,836	9,901
GRAND TOTAL.	40	(1)	267	4	670	15	2,202,732	25,213

1/ LESS THAN 500 POUNDS OR 500 DOLLARS.

REVIEW OF CERTAIN MAJOR FISHERIES

UNITED STATES CLAM FISHERY

During 1959, the United States production of clam meats totaled 45.0 million pounds valued at 11.5 million dollars to the fishermen. Compared with the previous year, this represented an increase of 24 percent in volume and 9 percent in value.

The Middle Atlantic led all other areas in the yield of clam meats with 63 percent. of the total production. The New England and Chesapeake States each accounted for 16 percent of the total. The remaining 5 percent was produced in the South Atlantic, Gulf, and Pacific Coast areas, and in Hawaii.

Dredges accounted for 31.4 million pounds or 70 percent of the total clam meat production, while tongs, with 4.9 million pounds, accounted for 11 percent. the remainder of the catch was taken with rakes, hoes, forks, and shovels or gathered by hand.

In Section 13 of this Digest, under the heading "Conversion Factors", there is a table which gives the average state yield per United States standard bushel for the clams taken on the Atlantic and Gulf Coasts. Supplementary shellfish tables appear after the summary tables for each Atlantic and Gulf regional section.

SUMMARY OF CLAM CATCH, 1959

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

AREA AND STATE	HARD		OCEAN QUAHOG		RAZOR		SOFT	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
NEW ENGLAND:								
MAINE	160	90	-	-	-	-	1,451	548
MASSACHUSETTS	1,619	756	-	-	37	10	810	527
RHODE ISLAND	2,737	1,434	95	10	-	-	4	1
CONNECTICUT	360	108	-	-	-	-	-	-
TOTAL	4,876	2,388	95	10	37	10	2,265	1,076
MIDDLE ATLANTIC:								
NEW YORK	3,407	2,099	-	-	15	3	262	86
NEW JERSEY	2,011	692	-	-	-	-	94	40
DELAWARE	343	126	-	-	-	-	-	-
TOTAL	5,761	2,917	-	-	15	3	356	126
CHESAPEAKE:								
MARYLAND	243	106	-	-	-	-	4,481	1,425
VIRGINIA	1,690	832	-	-	-	-	29	9
TOTAL	1,933	938	-	-	-	-	4,510	1,434
SOUTH ATLANTIC:								
NORTH CAROLINA	340	136	-	-	-	-	-	-
SOUTH CAROLINA	111	37	-	-	-	-	-	-
FLORIDA, EAST COAST	2	(1)	-	-	-	-	-	-
TOTAL	453	173	-	-	-	-	-	-
GULF, FLORIDA, WEST COAST	17	5	-	-	-	-	-	-
PACIFIC:								
ALASKA	-	-	-	-	473	131	-	-
WASHINGTON	509	198	-	-	422	154	-	-
OREGON	-	-	-	-	18	7	-	-
CALIFORNIA	3	4	-	-	-	-	-	-
TOTAL	512	202	-	-	913	292	-	-
HAWAII, TOTAL	1	1	-	-	-	-	-	-
GRAND TOTAL	13,553	6,624	95	10	965	305	7,131	2,636

(CONTINUED ON NEXT PAGE)

SUMMARY OF CLAM CATCH, 1959 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

AREA AND STATE	SURF		MIXED		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
NEW ENGLAND:						
MAINE	-	-	-	-	1,611	638
MASSACHUSETTS	2	1	-	-	2,468	1,294
RHODE ISLAND	-	-	-	-	2,836	1,445
CONNECTICUT	-	-	-	-	360	108
TOTAL	2	1	-	-	7,275	3,485
MIDDLE ATLANTIC:						
NEW YORK	514	61	-	-	4,198	2,249
NEW JERSEY	20,164	1,622	-	-	22,269	2,354
DELAWARE	1,705	170	-	-	2,048	296
TOTAL	22,383	1,853	-	-	28,515	4,899
CHESAPEAKE:						
MARYLAND	850	70	-	-	5,574	1,601
VIRGINIA	-	-	-	-	1,719	841
TOTAL	850	70	-	-	7,293	2,442
SOUTH ATLANTIC:						
NORTH CAROLINA	-	-	-	-	340	136
SOUTH CAROLINA	-	-	-	-	111	37
FLORIDA, EAST COAST	-	-	-	-	2	(1)
TOTAL	-	-	-	-	453	173
GULF, FLORIDA, WEST COAST	-	-	-	-	17	5
PACIFIC:						
ALASKA	-	-	-	-	473	131
WASHINGTON	-	-	-	-	931	352
OREGON	-	-	16	5	34	12
CALIFORNIA	-	-	-	-	3	4
TOTAL	-	-	16	5	1,441	499
HAWAII, TOTAL	-	-	-	-	1	1
GRAND TOTAL	23,235	1,924	16	5	44,995	11,504

1/ LESS THAN 500 DOLLARS.

SUMMARY OF CLAM CATCH BY GEAR, 1959

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

GEAR	HARD		OCEAN QUAHOG		RAZOR		SOFT	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
DREDGES	3,567	1,680	95	10	-	-	4,510	1,433
TONGS	4,894	2,488	-	-	-	-	-	-
RAKES	3,439	1,743	-	-	15	3	304	122
HOES	259	139	-	-	37	10	2,252	1,053
SHOVELS	421	171	-	-	913	292	-	-
FORKS	1	(1)	-	-	-	-	-	-
BY HAND	972	403	-	-	-	-	65	28
TOTAL	13,553	6,624	95	10	965	305	7,131	2,636

GEAR	SURF		MIXED		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
DREDGES	23,235	1,924	-	-	31,407	5,047
TONGS	-	-	-	-	4,894	2,488
RAKES	-	-	-	-	3,758	1,868
HOES	-	-	-	-	2,548	1,202
SHOVELS	-	-	16	5	1,350	468
FORKS	-	-	-	-	1	(1)
BY HAND	-	-	-	-	1,037	431
TOTAL	23,235	1,924	16	5	44,995	11,504

1/ LESS THAN 500 DOLLARS.

REVIEW OF CERTAIN MAJOR FISHERIES

UNITED STATES CRAB FISHERY

The catch of crabs in the United States in 1959 totaled 174.6 million pounds valued at 14.8 million dollars to the fishermen. Compared with 1958, this was an increase of 8.2 million pounds or 5 percent in volume and 2.4 million dollars or 20 percent in value.

The Pacific Coast States (55.9 million pounds) led all other areas in production-accounting for 32 percent of the total. The Chesapeake States were in second place with 45.5 million pounds or 26 percent. The South Atlantic States followed with 22 percent, the Gulf States with 17 percent, and the Middle Atlantic and New England States, and Hawaii with the remaining 3 percent. The production of blue crabs was 116.5 million pounds or 67 percent of the total, while Dungeness crabs (36.9 million pounds) from the Pacific coast accounted for 21 percent. The remainder (12 percent) consisted of king crabs from Alaska, stone crabs from Florida, rock crabs from New England and California, and unclassified crabs from Hawaii.

In Section 13 of this Digest, under the headings "Conversion Factors", is a table which gives the average number of crabs per pound by species for each of the Atlantic and Gulf States. Supplementary shellfish tables are shown after the summary tables for each Atlantic and Gulf regional section.

SUMMARY OF CRAB CATCH, 1959

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

AREA AND STATE	BLUE				DUNGENESS		KING	
	HARD		SOFT AND PEELER					
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
NEW ENGLAND, CONNECTICUT, TOTAL	2	(1)	-	-	-	-	-	-
MIDDLE ATLANTIC:								
NEW YORK	2	(1)	-	-	-	-	-	-
NEW JERSEY	983	112	(1)	(1)	-	-	-	-
DELAWARE	1,650	126	-	-	-	-	-	-
TOTAL	2,635	238	(1)	(1)	-	-	-	-
CHESAPEAKE:								
MARYLAND	21,187	1,702	1,973	395	-	-	-	-
VIRGINIA	21,148	1,519	1,241	368	-	-	-	-
TOTAL	42,335	3,221	3,214	763	-	-	-	-
SOUTH ATLANTIC:								
NORTH CAROLINA	14,739	851	124	37	-	-	-	-
SOUTH CAROLINA	4,772	263	-	-	-	-	-	-
GEORGIA.	12,682	593	-	-	-	-	-	-
FLORIDA, EAST COAST. . .	6,613	337	-	-	-	-	-	-
TOTAL	38,806	2,044	124	37	-	-	-	-
GULF:								
FLORIDA, WEST COAST. . .	13,895	681	3	2	-	-	-	-
ALABAMA.	1,093	57	-	-	-	-	-	-
MISSISSIPPI.	3,003	165	11	1	-	-	-	-
LOUISIANA.	9,570	461	605	302	-	-	-	-
TEXAS.	1,192	75	-	-	-	-	-	-
TOTAL	28,753	1,439	619	305	-	-	-	-
PACIFIC COAST:								
ALASKA	-	-	-	-	3,999	326	18,840	1,478
WASHINGTON	-	-	-	-	8,257	1,134	-	-
OREGON	-	-	-	-	7,429	996	-	-
CALIFORNIA	-	-	-	-	17,262	2,576	-	-
TOTAL	-	-	-	-	36,947	5,032	18,840	1,478
GRAND TOTAL	112,531	6,942	3,957	1,105	36,947	5,032	18,840	1,478

AREA AND STATE	ROCK		STONE		OTHER		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
NEW ENGLAND:								
MAINE.	1,358	55	-	-	-	-	1,358	55
NEW HAMPSHIRE.	50	4	-	-	-	-	50	4
MASSACHUSETTS.	212	21	-	-	-	-	212	21
RHODE ISLAND	264	30	-	-	-	-	264	30
CONNECTICUT.	-	-	-	-	-	-	2	(1)
TOTAL	1,884	110	-	-	-	-	1,886	110

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

SUMMARY OF CRAB CATCH, 1959 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

AREA AND STATE	ROCK		STONE		OTHER		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
MIDDLE ATLANTIC:								
NEW YORK	-	-	-	-	-	-	2	(1)
NEW JERSEY	5	(1)	-	-	-	-	988	112
DELAWARE	-	-	-	-	-	-	1,650	126
TOTAL	5	(1)	-	-	-	-	2,640	238
CHESAPEAKE:								
MARYLAND	-	-	-	-	-	-	23,160	2,097
VIRGINIA	-	-	-	-	-	-	22,389	1,887
TOTAL	-	-	-	-	-	-	45,549	3,984
SOUTH ATLANTIC:								
NORTH CAROLINA	-	-	-	-	-	-	14,863	888
SOUTH CAROLINA	-	-	-	-	-	-	4,772	263
GEORGIA.	-	-	-	-	-	-	12,682	593
FLORIDA, EAST COAST. . .	-	-	70	23	-	-	6,683	360
TOTAL	-	-	70	23	-	-	39,000	2,104
GULF:								
FLORIDA, WEST COAST. . .	-	-	256	100	-	-	14,154	783
ALABAMA.	-	-	-	-	-	-	1,093	57
MISSISSIPPI.	-	-	-	-	-	-	3,014	166
LOUISIANA.	-	-	-	-	-	-	10,175	763
TEXAS.	-	-	-	-	-	-	1,192	75
TOTAL	-	-	256	100	-	-	29,628	1,844
PACIFIC COAST:								
ALASKA	-	-	-	-	-	-	22,839	1,804
WASHINGTON	-	-	-	-	-	-	8,257	1,134
OREGON	-	-	-	-	-	-	7,429	996
CALIFORNIA	130	9	-	-	-	-	17,392	2,585
TOTAL	130	9	-	-	-	-	55,917	6,519
HAWAII	-	-	-	-	10	5	10	5
GRAND TOTAL	2,019	119	326	123	10	5	174,630	14,804

1/ LESS THAN 500 POUNDS OR 500 DOLLARS.

SUMMARY OF CRAB CATCH BY GEAR, 1959

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

GEAR	BLUE				DUNGENESS		KING	
	HARD		SOFT AND PEELER					
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
HAUL SEINES.	(1)	(1)	-	-	-	-	-	-
OTTER TRAWLS	7,546	265	120	36	69	11	1,369	106
POUND NETS	142	10	701	199	-	-	-	-
POTS	68,158	4,317	530	133	36,878	5,021	17,471	1,372
LINES, TROT WITH BAITS . .	28,237	1,798	157	50	-	-	-	-
DIP NETS	2,327	109	288	132	-	-	-	-
SCRAPES.	160	13	1,797	377	-	-	-	-
DREDGES.	5,959	430	-	-	-	-	-	-
BRUSH TRAPS.	2	(1)	340	170	-	-	-	-
BY HAND.	-	-	24	8	-	-	-	-
TOTAL	112,531	6,942	3,957	1,105	36,947	5,032	18,840	1,478

GEAR	ROCK		STONE		OTHER		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
HAUL SEINES.	-	-	-	-	-	-	(1)	(1)
OTTER TRAWLS	5	(1)	-	-	-	-	9,109	418
POUND NETS	-	-	-	-	-	-	843	209
POTS	2,014	119	326	123	4	2	125,381	11,087
LINES, TROT WITH BAITS . .	-	-	-	-	-	-	28,394	1,848
DIP NETS	-	-	-	-	6	3	2,621	244
SCRAPES.	-	-	-	-	-	-	1,957	390
DREDGES.	-	-	-	-	-	-	5,959	430
BRUSH TRAPS.	-	-	-	-	-	-	342	170
BY HAND.	-	-	-	-	-	-	24	8
TOTAL	2,019	119	326	123	10	5	174,630	14,804

1/ LESS THAN 500 POUNDS OR 500 DOLLARS.

REVIEW OF CERTAIN MAJOR FISHERIES

UNITED STATES OYSTER FISHERY

The United States oyster catch amounted to 64.7 million pounds of meats valued at 29.5 million dollars in 1959. This represented a decrease of 1.7 million pounds or 3 percent in volume and nearly 1 million dollars or 3 percent in value when compared with 1958 landings. During 1959 increases over the previous year were registered in the New England, South Atlantic, Gulf and Pacific Coast States while declines were recorded in Middle Atlantic and Chesapeake areas.

Chesapeake led all other areas accounting for 51 percent of the 1959 catch. The Gulf States were in second place with 21 percent while the Pacific area accounted for 19 percent of the total. The remaining 9 percent was taken in the New England, Middle Atlantic, and South Atlantic States.

The decline in the Middle Atlantic States was caused chiefly by the destruction of set in Long Island Sound by drills and starfish and by a destructive disease in Delaware Bay which scientists identified as Hapospoudian.

Dredges accounted for 44.4 million pounds of meats or 69 percent of the total oyster catch, while tongs (17.8 million pounds) accounted for 28 percent. The remainder of the catch was taken by rakes, grabs, forks, or gathered by hand.

In Section 13 of this Digest is a table which gives the volume of the bushel measures used for oysters in the various Atlantic and Gulf States and the average yield per bushel. Supplementary shellfish tables appear after the summary tables for each Atlantic and Gulf regional section.

SUMMARY OF OYSTER CATCH, 1959

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

AREA AND STATE	DREDGES		TONGS		RAKES		GRABS	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
NEW ENGLAND:								
MAINE	4	2	-	-	-	-	-	-
MASSACHUSETTS	45	60	65	94	-	-	-	-
RHODE ISLAND	-	-	6	4	-	-	-	-
CONNECTICUT	251	279	8	6	-	-	-	-
TOTAL	300	341	79	104	-	-	-	-
MIDDLE ATLANTIC:								
NEW YORK	890	908	-	-	-	-	-	-
NEW JERSEY	140	128	67	62	-	-	-	-
DELAWARE	247	130	48	28	-	-	-	-
TOTAL	1,277	1,166	115	90	-	-	-	-
CHESAPEAKE:								
MARYLAND	3,010	2,037	8,956	5,196	-	-	-	-
VIRGINIA	16,120	10,099	5,112	3,197	23	14	-	-
TOTAL	19,130	12,136	14,068	8,393	23	14	-	-
SOUTH ATLANTIC:								
NORTH CAROLINA	782	422	251	94	-	-	-	-
SOUTH CAROLINA	-	-	-	-	-	-	1,611	316
GEORGIA	128	32	-	-	-	-	60	14
FLORIDA, EAST COAST	21	6	-	-	-	-	-	-
TOTAL	931	460	251	94	-	-	1,671	330
GULF:								
FLORIDA, WEST COAST	-	-	1,412	404	-	-	-	-
ALABAMA	-	-	895	278	-	-	-	-
MISSISSIPPI	-	-	333	82	-	-	-	-
LOUISIANA	9,389	2,542	270	100	-	-	-	-
TEXAS	1,227	343	174	50	-	-	-	-
TOTAL	10,616	2,885	3,084	914	-	-	-	-
PACIFIC: 1/								
WASHINGTON:								
PACIFIC	10,057	1,799	-	-	-	-	-	-
WESTERN	42	97	-	-	-	-	-	-
TOTAL	10,099	1,896	-	-	-	-	-	-
OREGON, PACIFIC	620	115	-	-	-	-	-	-

SEE FOOTNOTE AT END OF TABLE.

(CONTINUED ON NEXT PAGE)

SUMMARY OF OYSTER CATCH , 1959 - Continued

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

AREA AND STATE	DREDGES		TONGS		RAKES		GRABS	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
PACIFIC - CONTINUED:								
CALIFORNIA:								
EASTERN.	-	-	1	3	-	-	-	-
PACIFIC.	1,404	234	247	71	-	-	-	-
WESTERN.	-	-	1	1	-	-	-	-
TOTAL	1,404	234	249	75	-	-	-	-
TOTAL PACIFIC STATES.	12,123	2,245	249	75	-	-	-	-
GRAND TOTAL	44,377	19,233	17,846	9,670	23	14	1,671	330

AREA AND STATE	BY HAND		FORKS		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
NEW ENGLAND:						
MAINE.	-	-	-	-	4	2
MASSACHUSETTS.	-	-	8	9	118	163
RHODE ISLAND	-	-	-	-	6	4
CONNECTICUT.	-	-	-	-	259	285
TOTAL	-	-	8	9	387	454
MIDDLE ATLANTIC:						
NEW YORK	-	-	-	-	890	908
NEW JERSEY	-	-	-	-	207	190
DELAWARE	-	-	-	-	295	158
TOTAL	-	-	-	-	1,392	1,256
CHESAPEAKE:						
MARYLAND	-	-	-	-	11,966	7,233
VIRGINIA	101	64	-	-	21,356	13,374
TOTAL	101	64	-	-	33,322	20,607
SOUTH ATLANTIC:						
NORTH CAROLINA	278	71	-	-	1,311	587
SOUTH CAROLINA	307	63	-	-	1,918	379
GEORGIA.	60	15	-	-	248	61
FLORIDA, EAST COAST. . .	18	6	-	-	39	12
TOTAL	663	155	-	-	3,516	1,039
GULF:						
FLORIDA, WEST COAST. . .	3	1	-	-	1,415	405
ALABAMA.	-	-	-	-	895	278
MISSISSIPPI.	-	-	-	-	333	82
LOUISIANA.	8	4	-	-	9,667	2,646
TEXAS.	10	3	-	-	1,411	396
TOTAL	21	8	-	-	13,721	3,807
PACIFIC: 1/						
WASHINGTON:						
PACIFIC.	-	-	-	-	10,057	1,799
WESTERN.	-	-	-	-	42	97
TOTAL	-	-	-	-	10,099	1,896
OREGON, PACIFIC.	-	-	-	-	620	115
CALIFORNIA:						
EASTERN.	-	-	-	-	1	3
PACIFIC.	-	-	-	-	1,651	305
WESTERN.	-	-	-	-	1	1
TOTAL	-	-	-	-	1,653	309
TOTAL PACIFIC STATES.	-	-	-	-	12,372	2,320
GRAND TOTAL	785	227	8	9	64,710	29,483

1/ THE CATCH BY HAND IN WASHINGTON AND OREGON HAS BEEN INCLUDED WITH DREDGES, BUT FOR CALIFORNIA WITH TONGS.

SUMMARY OF ATLANTIC AND GULF COAST OYSTER CATCH, 1959

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

AREA AND STATE	PUBLIC		PRIVATE	
	QUANTITY	VALUE	QUANTITY	VALUE
NEW ENGLAND:				
MAINE	4	2	-	-
MASSACHUSETTS	22	19	96	144
RHODE ISLAND	6	4	-	-
CONNECTICUT	7	5	252	280
TOTAL	39	30	348	424
MIDDLE ATLANTIC:				
NEW YORK	-	-	890	908
NEW JERSEY	41	37	166	153
DELAWARE	-	-	295	158
TOTAL	41	37	1,351	1,219
CHESAPEAKE:				
MARYLAND	10,030	5,893	1,936	1,340
VIRGINIA	3,965	2,480	17,391	10,894
TOTAL	13,995	8,373	19,327	12,234
SOUTH ATLANTIC:				
NORTH CAROLINA	1,214	557	97	30
SOUTH CAROLINA	-	-	1,918	379
GEORGIA	-	-	248	61
FLORIDA, EAST COAST	24	7	15	5
TOTAL	1,238	564	2,278	475
GULF:				
FLORIDA, WEST COAST	1,115	319	300	86
ALABAMA	895	278	-	-
MISSISSIPPI	333	82	-	-
LOUISIANA	2,083	509	7,584	2,137
TEXAS	1,395	392	16	4
TOTAL	5,821	1,580	7,900	2,227
GRAND TOTAL	21,134	10,584	31,204	16,579

SUMMARY OF OYSTER CATCH BY SPECIES, 1959

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

SPECIES	QUANTITY	VALUE
EASTERN:		
PUBLIC	21,134	10,584
PRIVATE	31,205	16,582
TOTAL	52,339	27,166
PACIFIC	12,328	2,219
WESTERN	43	98
GRAND TOTAL	64,710	29,483

UNITED STATES SHRIMP FISHERY

The 1959 catch of shrimp in the United States totaled 240.2 million pounds valued at 58.1 million dollars. This represents an increase of 26.3 million pounds or 12 percent in volume but a decline of 14.8 million dollars or 20 percent in value. Landings in the South Atlantic area increased by 15 percent. The Gulf States catch of 193.5 million pounds increased by 12 percent. The loss in value was due to a declining market value.

The otter-trawl fleet accounted for 232.5 million pounds or 97 percent of the total catch. An additional 7.4 million pounds were taken by beam trawls while the few remaining pounds were taken in bag nets, cast nets, pots, and push nets.

There is included in this section a detailed summary of the operating units engaged in the United States shrimp otter trawl fishery. The data includes information on the fishermen employed and on the number of vessels, by tonnage classifications, operated in each state and region. In 1959 there were 16,207 fishermen employed on 7,658 fishing craft which operated in the United States shrimp otter trawl fishery.

UNITED STATES SUMMARY OF SHRIMP OTTER TRAWL VESSELS, BY TONNAGE GROUPS, 1959

NET TONNAGE	SOUTH ATLANTIC				
	NORTH CAROLINA	SOUTH CAROLINA	GEORGIA	FLORIDA, EAST COAST	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
5 - 9	206	144	142	101	498
10 - 19	63	67	109	168	317
20 - 29	50	28	55	96	165
30 - 39	36	23	20	58	101
40 - 49	6	2	1	4	11
50 - 59	1	-	-	3	4
70 - 79	-	-	1	-	1
90 - 99	-	-	-	1	1
TOTAL VESSELS.	362	264	328	431	1,098
TOTAL NET TONNAGE. . .	4,898	3,433	4,618	7,802	15,978

NET TONNAGE	GULF					
	FLORIDA, WEST COAST	ALABAMA	MISSISSIPPI	LOUISIANA	TEXAS	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
5 - 9	140	64	78	251	90	525
10 - 19	258	76	228	387	327	889
20 - 29	302	53	114	281	467	799
30 - 39	290	16	45	163	392	561
40 - 49	56	8	10	65	184	226
50 - 59	22	1	3	24	75	88
60 - 69	4	4	1	7	16	22
70 - 79	5	-	-	3	4	8
80 - 89	2	-	-	4	6	7
90 - 99	-	-	-	3	3	4
TOTAL VESSELS.	1,079	222	479	1,188	1,564	3,129
TOTAL NET TONNAGE. . .	26,048	4,031	8,658	24,955	43,661	72,113

(CONTINUED ON NEXT PAGE)

UNITED STATES SUMMARY OF SHRIMP OTTER TRAWL VESSELS, BY TONNAGE GROUPS, 1959 - Continued

NET TONNAGE	SOUTH ATLANTIC AND GULF	PACIFIC				GRAND TOTAL, EXCLUSIVE OF DUPLICATION
	TOTAL, EXCLUSIVE OF DUPLICATION	ALASKA	WASHINGTON	OREGON	TOTAL, EXCLUSIVE OF DUPLICATION	
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
5 - 9	959	5	-	-	5	964
10 - 19	1,100	6	1	5	12	1,112
20 - 29	894	3	6	7	14	908
30 - 39	628	3	5	7	14	642
40 - 49	231	2	1	2	5	236
50 - 59	91	1	1	-	2	93
60 - 69	22	3	-	1	4	26
70 - 79	9	-	-	1	1	10
80 - 89	7	-	-	-	-	7
90 - 99	5	-	-	-	-	5
TOTAL VESSELS.	3,946	23	14	23	57	4,003
TOTAL NET TONNAGE. . .	82,556	694	451	687	1,744	84,300

UNITED STATES SUMMARY OF SHRIMP OTTER TRAWL OPERATING UNITS, 1959

AREA AND STATE	BOAT FISHERY				
	BOATS	FISHERMEN		OTTER TRAWLS	
		REGULAR	CASUAL		
	NUMBER	NUMBER	NUMBER	NUMBER	YARDS AT MOUTH
SOUTH ATLANTIC:					
NORTH CAROLINA.	426	714	-	426	6,270
SOUTH CAROLINA.	167	264	-	167	2,338
GEORGIA	266	200	239	266	2,509
FLORIDA, EAST COAST . . .	29	50	-	29	405
TOTAL, EXCLUSIVE OF DUPLICATION	888	1,228	239	888	11,522
GULF:					
FLORIDA, WEST COAST . . .	104	149	2	104	1,319
ALABAMA	201	340	34	201	2,535
MISSISSIPPI	368	270	185	368	3,680
LOUISIANA	1,623	2,789	35	1,623	23,690
TEXAS	487	768	50	487	5,632
TOTAL, EXCLUSIVE OF DUPLICATION	2,765	4,280	306	2,765	36,636
SOUTH ATLANTIC AND GULF, TOTAL, EXCLUSIVE OF DUPLICATION.	3,653	5,508	545	3,653	48,148
PACIFIC:					
ALASKA.	1	2	-	1	20
OREGON.	1	2	-	1	15
TOTAL, EXCLUSIVE OF DUPLICATION	2	4	-	2	35
GRAND TOTAL, EXCLUSIVE OF DUPLICATION .	3,655	5,512	545	3,655	48,183

(CONTINUED ON NEXT PAGE)

UNITED STATES SUMMARY OF SHRIMP OTTER TRAWL OPERATING UNITS, 1959 - Continued

AREA AND STATE	VESSEL FISHERY				
	VESSELS		FISHERMEN	OTTER TRAWLS	
	NUMBER	NET TONNAGE	NUMBER	NUMBER	YARDS AT MOUTH
SOUTH ATLANTIC:					
NORTH CAROLINA.	362	4,898	795	423	9,012
SOUTH CAROLINA.	264	3,433	548	369	7,014
GEORGIA	328	4,618	667	447	7,625
FLORIDA, EAST COAST . . .	431	7,802	984	575	11,364
TOTAL, EXCLUSIVE OF DUPLICATION	1,098	15,978	2,354	1,455	26,775
GULF:					
FLORIDA, WEST COAST . . .	1,079	26,048	2,520	1,914	31,414
ALABAMA	222	4,031	577	350	5,576
MISSISSIPPI	479	8,658	1,261	753	11,360
LOUISIANA	1,188	24,955	3,235	1,962	31,463
TEXAS	1,564	43,661	4,222	3,054	48,630
TOTAL, EXCLUSIVE OF DUPLICATION	3,129	72,113	8,225	5,400	87,320
SOUTH ATLANTIC AND GULF, TOTAL, EXCLUSIVE OF DUPLICATION.	3,946	82,556	9,958	6,382	105,921
PACIFIC:					
ALASKA.	23	694	77	23	469
WASHINGTON.	14	451	47	14	290
OREGON.	23	687	79	23	475
TOTAL, EXCLUSIVE OF DUPLICATION	57	1,744	192	57	1,174
GRAND TOTAL, EXCLUSIVE OF DUPLICATION. . . .	4,003	84,300	10,150	6,439	107,095

AREA AND STATE	TOTAL (BOAT AND VESSEL FISHERY)			
	BOATS AND VESSELS	FISHERMEN	OTTER TRAWLS	
	NUMBER	NUMBER	NUMBER	YARDS AT MOUTH
SOUTH ATLANTIC:				
NORTH CAROLINA.	788	1,509	849	15,282
SOUTH CAROLINA.	431	812	536	9,352
GEORGIA	594	1,106	713	10,134
FLORIDA, EAST COAST . . .	460	1,034	604	11,769
TOTAL, EXCLUSIVE OF DUPLICATION	1,986	3,821	2,343	38,297
GULF:				
FLORIDA, WEST COAST . . .	1,183	2,671	2,018	32,733
ALABAMA	423	951	551	8,111
MISSISSIPPI	847	1,716	1,121	15,040
LOUISIANA	2,811	6,059	3,585	55,153
TEXAS	2,051	5,040	3,541	54,262
TOTAL, EXCLUSIVE OF DUPLICATION	5,894	12,811	8,165	123,956
SOUTH ATLANTIC AND GULF, TOTAL, EXCLUSIVE OF DUPLICATION.	7,599	16,011	10,035	154,069
PACIFIC:				
ALASKA.	24	79	24	489
WASHINGTON.	14	47	14	290
OREGON.	24	81	24	490
TOTAL, EXCLUSIVE OF DUPLICATION	59	196	59	1,209
GRAND TOTAL, EXCLUSIVE OF DUPLICATION. . . .	7,658	16,207	10,094	155,278

SUMMARY OF SHRIMP CATCH, 1959

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

AREA AND STATE	BAG NETS		BEAM TRAWLS		OTTER TRAWLS	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
NEW ENGLAND:						
MAINE	-	-	-	-	12	4
MASSACHUSETTS	-	-	-	-	5	1
TOTAL	-	-	-	-	17	5
MIDDLE ATLANTIC, NEW JERSEY, TOTAL	-	-	3	3	-	-
SOUTH ATLANTIC:						
NORTH CAROLINA	125	25	-	-	6,252	1,389
SOUTH CAROLINA	-	-	-	-	7,397	1,896
GEORGIA	-	-	-	-	7,598	1,836
FLORIDA, EAST COAST	-	-	-	-	4,504	1,358
TOTAL	125	25	-	-	25,751	6,479
GULF:						
FLORIDA, WEST COAST	-	-	-	-	32,252	9,752
ALABAMA	-	-	-	-	8,018	1,991
MISSISSIPPI	-	-	-	-	11,319	2,345
LOUISIANA	-	-	-	-	57,353	13,067
TEXAS	-	-	-	-	84,561	23,193
TOTAL	-	-	-	-	193,503	50,348
PACIFIC:						
ALASKA	-	-	5,519	205	7,527	301
WASHINGTON	-	-	55	22	2,943	272
OREGON	-	-	-	-	2,734	246
CALIFORNIA	-	-	1,820	184	-	-
TOTAL	-	-	7,394	411	13,204	819
GRAND TOTAL	125	25	7,397	414	232,475	57,651

AREA AND STATE	POTS		PUSH NETS		CAST NETS		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
NEW ENGLAND:								
MAINE	-	-	-	-	-	-	12	4
MASSACHUSETTS	-	-	-	-	-	-	5	1
TOTAL	-	-	-	-	-	-	17	5
MIDDLE ATLANTIC, NEW JERSEY, TOTAL	-	-	1	1	-	-	4	4
SOUTH ATLANTIC:								
NORTH CAROLINA	-	-	-	-	-	-	6,377	1,414
SOUTH CAROLINA	-	-	-	-	118	20	7,515	1,916
GEORGIA	-	-	-	-	5	1	7,603	1,837
FLORIDA, EAST COAST	-	-	-	-	7	2	4,511	1,360
TOTAL	-	-	-	-	130	23	26,006	6,527
GULF:								
FLORIDA, WEST COAST	-	-	-	-	-	-	32,252	9,752
ALABAMA	-	-	-	-	-	-	8,018	1,991
MISSISSIPPI	-	-	-	-	-	-	11,319	2,345
LOUISIANA	-	-	-	-	-	-	57,353	13,067
TEXAS	-	-	-	-	-	-	84,561	23,193
TOTAL	-	-	-	-	-	-	193,503	50,348
PACIFIC:								
ALASKA	6	(1)	-	-	-	-	13,052	506
WASHINGTON	48	19	-	-	-	-	3,046	313
OREGON	-	-	-	-	-	-	2,734	246
CALIFORNIA	-	-	-	-	-	-	1,820	184
TOTAL	54	19	-	-	-	-	20,652	1,249
GRAND TOTAL	54	19	1	1	130	23	240,182	58,133

UNITED STATES SUMMARY OF FISH OTTER TRAWL FLEET

There is included in this Section, detailed summaries of the United States fish otter trawl fleet. They contain detailed information on the operating units engaged in this fishery and a breakdown of vessels by area, state, and net tonnage. Data in this detail were first published for 1957. These data had not previously been available since it had not been possible to determine from regular operating unit tables, the duplication between areas, in fishermen and craft. This is the second year that fish otter-trawl vessels operating more than one trawl were reported. As before, this occurred only in Louisiana where a number of vessels taking trash fish used two or more trawls.

U. S. SUMMARY OF FISH OTTER TRAWL VESSELS, BY TONNAGE GROUPS, 1959

NET TONNAGE	NEW ENGLAND				
	MAINE	MASSA-CHUSETTS	RHODE ISLAND	CONNEC-TICUT	TOTAL, EXCLUSVIE OF DUPLI-CATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
5 - 9	18	49	23	7	93
10 - 19	26	88	24	17	138
20 - 29	12	69	17	13	91
30 - 39	10	52	7	4	65
40 - 49	4	36	-	-	37
50 - 59	3	32	3	1	35
60 - 69	2	22	-	-	23
70 - 79	2	10	-	-	11
80 - 89	4	18	-	-	22
90 - 99	3	6	-	-	9
100 - 109	1	4	-	-	5
110 - 119	4	8	-	-	12
120 - 129	-	2	-	-	2
130 - 139	2	5	-	-	6
140 - 149	3	3	-	-	5
150 - 159	1	3	-	-	4
160 - 169	2	1	-	-	3
170 - 179	-	5	-	-	5
190 - 199	1	1	-	-	1
TOTAL VESSELS	98	414	74	42	567
TOTAL NET TONNAGE	4,344	16,944	1,323	803	21,374

NET TONNAGE	MIDDLE ATLANTIC				CHESAPEAKE		
	NEW YORK	NEW JERSEY	DELAWARE	TOTAL, EXCLUSIVE OF DUPLI-CATION	MARYLAND	VIRGINIA	TOTAL, EXCLUSIVE OF DUPLI-CATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
5 - 9	34	45	-	78	9	14	23
10 - 19	46	60	2	104	11	22	29
20 - 29	21	25	2	42	3	18	19
30 - 39	13	29	-	37	4	19	20
40 - 49	6	7	-	12	-	3	3
50 - 59	8	8	-	12	1	6	7
60 - 69	5	-	-	5	-	3	3
70 - 79	2	2	-	3	-	3	3
80 - 89	-	2	-	2	-	1	1
90 - 99	-	-	-	-	-	1	1
110 - 119	1	-	-	1	-	-	-
120 - 129	-	-	-	-	-	1	1
130 - 139	1	-	-	1	-	2	2
140 - 149	-	-	-	-	-	1	1
TOTAL VESSELS	137	178	4	297	28	94	113
TOTAL NET TONNAGE	3,220	3,807	72	6,389	481	3,115	3,391

(CONTINUED ON NEXT PAGE)

U. S. SUMMARY OF FISH OTTER TRAWL VESSELS, BY TONNAGE GROUPS, 1959 - Continued

NET TONNAGE	SOUTH ATLANTIC			GULF			
	SOUTH CAROLINA	NORTH CAROLINA	TOTAL, EXCLUSIVE OF DUPLICATION	MISSISSIPPI	LOUISIANA	TEXAS	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
5 - 9	18	-	18	4	8	-	12
10 - 19	21	-	21	25	34	-	53
20 - 29	11	1	12	29	49	-	68
30 - 39	17	1	18	11	28	-	36
40 - 49	3	-	3	-	13	-	13
50 - 59	-	-	-	1	11	-	12
60 - 69	-	-	-	-	4	1	5
70 - 79	-	-	-	2	2	-	3
80 - 89	-	-	-	1	2	-	3
90 - 99	-	-	-	-	1	-	1
TOTAL VESSELS	70	2	72	73	152	1	206
TOTAL NET TONNAGE	1,379	62	1,441	1,709	4,554	63	5,822

NET TONNAGE	PACIFIC				
	ALASKA	WASHINGTON	OREGON	CALIFORNIA	TOTAL, EXCLUSIVE OF DUPLICATION
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
5 - 9	-	4	1	9	14
10 - 19	-	15	10	17	40
20 - 29	1	40	13	19	71
30 - 39	-	32	16	7	53
40 - 49	-	17	10	2	26
50 - 59	-	9	-	3	12
60 - 69	-	8	1	1	10
70 - 79	-	1	1	-	2
TOTAL VESSELS	1	126	52	58	228
TOTAL NET TONNAGE	22	4,175	1,621	1,307	6,843

NET TONNAGE	LAKES			GRAND TOTAL, EXCLUSIVE OF DUPLICATION
	OHIO	WISCONSIN	TOTAL, EXCLUSIVE OF DUPLICATION	
	NUMBER	NUMBER	NUMBER	NUMBER
5 - 9	1	1	2	237
10 - 19	2	2	4	372
20 - 29	-	2	2	280
30 - 39	-	1	1	198
40 - 49	-	-	-	88
50 - 59	-	-	-	70
60 - 69	-	-	-	39
70 - 79	-	-	-	19
80 - 89	-	-	-	26
90 - 99	-	-	-	10
100 - 109	-	-	-	5
110 - 119	-	-	-	13
120 - 129	-	-	-	3
130 - 139	-	-	-	7
140 - 149	-	-	-	5
150 - 159	-	-	-	4
160 - 169	-	-	-	3
170 - 179	-	-	-	5
190 - 199	-	-	-	1
TOTAL VESSELS	3	6	9	1,385
TOTAL NET TONNAGE	29	124	153	41,355

UNITED STATES SUMMARY OF FISH OTTER TRAWL OPERATING UNITS, 1959

AREA AND STATE	BOAT FISHERY				
	BOATS	FISHERMEN		OTTER TRAWLS	
		REGULAR	CASUAL		
	NUMBER	NUMBER	NUMBER	NUMBER	YARDS AT MOUTH
NEW ENGLAND:					
MAINE	50	50	33	50	914
MASSACHUSETTS	14	15	6	14	302
RHODE ISLAND	8	16	-	8	160
CONNECTICUT	23	10	19	23	330
TOTAL, EXCLUSIVE OF DUPLICATION	95	91	58	95	1,706
MIDDLE ATLANTIC:					
NEW YORK	18	33	-	18	217
NEW JERSEY	13	18	8	13	180
TOTAL, EXCLUSIVE OF DUPLICATION	31	51	8	31	397
CHESAPEAKE:					
MARYLAND	5	11	-	5	70
VIRGINIA	6	8	4	6	60
TOTAL, EXCLUSIVE OF DUPLICATION	11	19	4	11	130
SOUTH ATLANTIC, NORTH CAROLINA	16	32	-	16	256
PACIFIC:					
WASHINGTON	1	3	-	1	20
CALIFORNIA	1	3	-	1	28
TOTAL, EXCLUSIVE OF DUPLICATION	2	6	-	2	48
GREAT LAKES, OHIO	1	-	2	1	10
GRAND TOTAL, EXCLUSIVE OF DUPLICATION	156	199	72	156	2,547

AREA AND STATE	VESSEL FISHERY				
	VESSELS		FISHERMEN	OTTER TRAWLS	
	NUMBER	NET TONNAGE	NUMBER	NUMBER	YARDS AT MOUTH
NEW ENGLAND:					
MAINE	98	4,344	446	98	2,344
MASSACHUSETTS	414	16,944	2,710	414	11,090
RHODE ISLAND	74	1,323	250	74	1,888
CONNECTICUT	42	803	131	42	929
TOTAL, EXCLUSIVE OF DUPLICATION	567	21,374	3,215	567	14,638
MIDDLE ATLANTIC:					
NEW YORK	137	3,220	416	137	2,743
NEW JERSEY	178	3,807	578	178	4,008
DELAWARE	4	72	11	4	73
TOTAL, EXCLUSIVE OF DUPLICATION	297	6,389	947	297	6,188
CHESAPEAKE:					
MARYLAND	28	481	70	28	812
VIRGINIA	94	3,115	356	94	1,978
TOTAL, EXCLUSIVE OF DUPLICATION	113	3,391	394	113	2,525
SOUTH ATLANTIC:					
NORTH CAROLINA	70	1,379	179	70	1,765
SOUTH CAROLINA	2	62	4	2	56
TOTAL, EXCLUSIVE OF DUPLICATION	72	1,441	183	72	1,821
GULF:					
MISSISSIPPI	73	1,709	192	73	1,704
LOUISIANA	152	4,554	419	249	4,121
TEXAS	1	63	10	1	28
TOTAL, EXCLUSIVE OF DUPLICATION	206	5,822	571	303	5,387

(CONTINUED ON NEXT PAGE)

UNITED STATES SUMMARY OF FISH OTTER TRAWL OPERATING UNITS, 1959 - Continued

AREA AND STATE	VESSEL FISHERY				
	VESSELS		FISHERMEN	OTTER TRAWLS	
	NUMBER	NET TONNAGE	NUMBER	NUMBER	YARDS AT MOUTH
PACIFIC:					
ALASKA	1	22	4	1	25
WASHINGTON	126	4,175	471	126	2,745
OREGON	52	1,621	190	52	1,150
CALIFORNIA	58	1,307	215	58	1,672
TOTAL, EXCLUSIVE OF DUPLICATION	228	6,843	843	228	5,350
GREAT LAKES:					
OHIO	3	29	10	3	49
WISCONSIN	6	124	22	6	138
TOTAL, EXCLUSIVE OF DUPLICATION	9	153	32	9	187
GRAND TOTAL, EXCLUSIVE OF DUPLICATION	1,385	41,355	5,617	1,482	33,228

AREA AND STATE	TOTAL (BOAT AND VESSEL FISHERY)			
	BOATS AND VESSELS	FISHERMEN	OTTER TRAWLS	
	NUMBER	NUMBER	NUMBER	YARDS AT MOUTH
NEW ENGLAND:				
MAINE	148	529	148	3,258
MASSACHUSETTS	428	2,731	428	11,392
RHODE ISLAND	82	266	82	2,048
CONNECTICUT	65	160	65	1,259
TOTAL, EXCLUSIVE OF DUPLICATION	662	3,364	662	16,344
MIDDLE ATLANTIC:				
NEW YORK	155	449	155	2,960
NEW JERSEY	191	604	191	4,188
DELAWARE	4	11	4	73
TOTAL, EXCLUSIVE OF DUPLICATION	328	1,006	328	6,585
CHESAPEAKE:				
MARYLAND	33	81	33	882
VIRGINIA	100	368	100	2,038
TOTAL, EXCLUSIVE OF DUPLICATION	124	417	124	2,655
SOUTH ATLANTIC:				
NORTH CAROLINA	86	211	86	2,021
SOUTH CAROLINA	2	4	2	56
TOTAL, EXCLUSIVE OF DUPLICATION	88	215	88	2,077
GULF:				
MISSISSIPPI	73	192	73	1,704
LOUISIANA	152	419	249	4,121
TEXAS	1	10	1	28
TOTAL, EXCLUSIVE OF DUPLICATION	206	571	303	5,387
PACIFIC:				
ALASKA	1	4	1	25
WASHINGTON	127	474	127	2,765
OREGON	52	190	52	1,150
CALIFORNIA	59	218	59	1,700
TOTAL, EXCLUSIVE OF DUPLICATION	230	849	230	5,498
GREAT LAKES:				
OHIO	4	12	4	59
WISCONSIN	6	22	6	138
TOTAL, EXCLUSIVE OF DUPLICATION	10	34	10	197
GRAND TOTAL, EXCLUSIVE OF DUPLICATION	1,541	5,888	1,638	35,775

SECTION 12

HISTORICAL FISHERY STATISTICS

Statistics of the fisheries of the United States are necessary for the best use of the Nation's aquatic resources. As series of data for extended periods of time are accumulated, the information becomes increasingly more valuable in indicating trends in the supply and utilization of fishery products. The extent to which these data are used is frequently dependent upon the ready availability of needed information to researchers, management officials, and members of the fishing industry.

Periodically there are published in "Fishery Statistics of the United States" historical data for each state on the catch of important species. The most recent publication of these data was in Statistical Digest No. 43 entitled "Fishery Statistics of the United States, 1956."

The Bureau of Commercial Fisheries has in its files and in various Bureau reports or publications of other organizations a large volume of historical data. These statistics would be of considerable use to researchers and others interested in the fisheries. Unfortunately, few know of these records. To make the series readily available to researchers and others interested in the fisheries, a section entitled "Historical Fishery Statistics" has been published, since 1951, in "Fishery Statistics of the United States." The titles of the series published, and the identifying number of the Digest in which each appears, follow:

Series	Published in Statistical Digest
Menhaden Fishery, 1873 - 1951	No. 30
Oyster Fishery, 1880 - 1952	No. 34
Pacific Sardine Fishery, 1915 - 1953	No. 36
Atlantic Ocean Perch Fishery, 1930 - 1954	No. 39
Pacific Herring Fishery, 1881 - 1955	No. 41
United States Haddock Fishery, 1880 - 1956	No. 43
United States Tuna Fishery, 1911 - 1957	No. 44
United States Atlantic Cod Fishery, 1893 - 1958	No. 49

The ninth series of historical data containing information on the Fur-Seal Industry of the Pribilof Islands is included in the following pages.

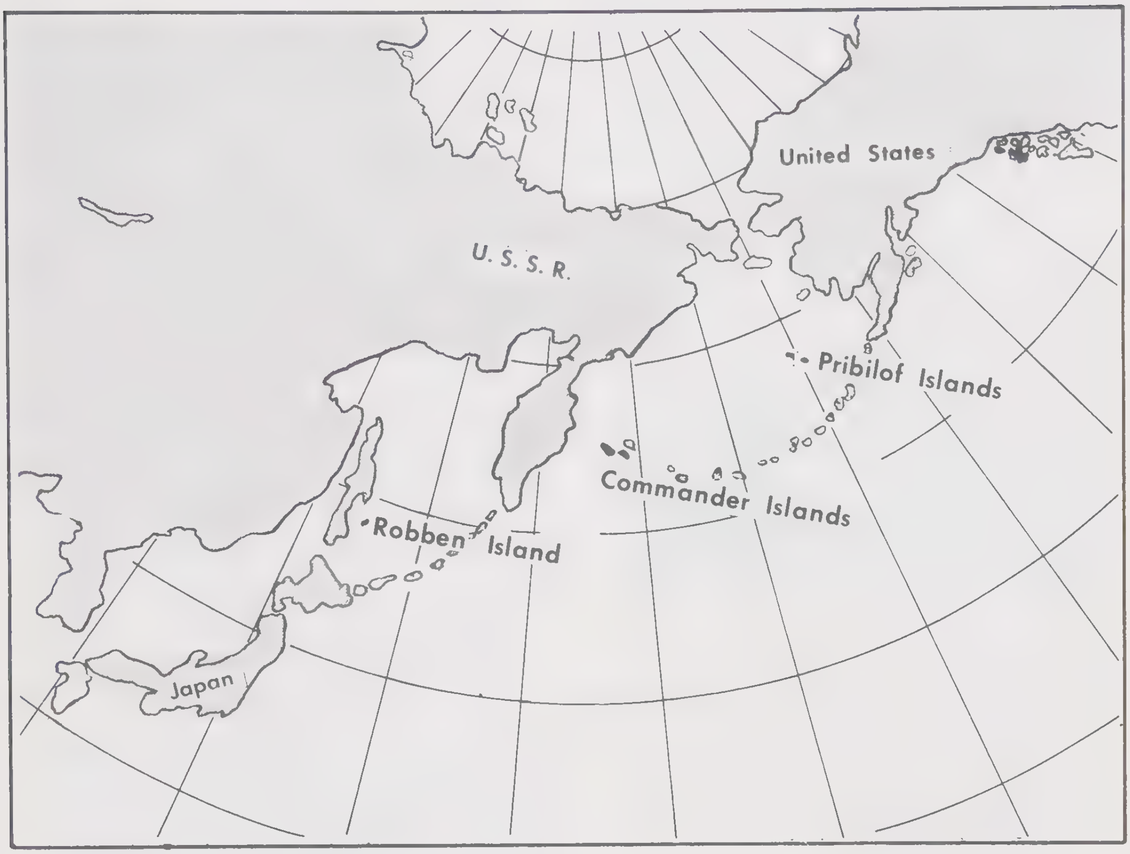
FUR-SEAL INDUSTRY OF THE PRIBILOF ISLANDS

1786 - 1959

The Pribilof Islands lie about three hundred miles off the mainland of Alaska in the heart of the Bering Sea. Surrounded by almost constant dense, humid fog and drizzling mists, they are among the most insignificant landmarks known to that body of water. These islands are the natural retreat and only breeding ground of the Alaska fur-seal herd. There, on the rocky beaches, the young are born each summer and in the fall, after the breeding season is over, the seals leave the islands and return to the sea. Other fur seals, also belonging to the genus Callorhinus, are found on a few islands off Russia and Japan. To a limited extent the fur seals belonging to the genus Arctocephalus are found in cold areas of the southern hemisphere. However, it is generally believed that the Alaska fur-seal herd comprises over 80 percent of all existing fur seals in the world today.

The nature and pattern of the fur-seals' habits are such that a program of wise utilization can be readily devised and practiced. The Alaska fur seals come ashore only on the Pribilof Islands, always about the same date each spring. They are highly polygamous animals, and the sexes are born in equal numbers, so it is possible to take the surplus males for their skins without reducing the rate of growth of the herd. The story of the Pribilof Islands fur-seal herd is one of adventure and international diplomacy. It is a heartening account of cooperation among nations and an outstanding example of wildlife conservation.

The Alaska fur seal was not valued highly by Russian fur-gatherers as they prospected for and exploited the sea-otter herds in the Aleutian Archipelago. The seal herd had been noticed as


U. S. S. R.
United States
Pribilof Islands
Commander Islands
Robben Island
Japan

Breeding grounds of the northern fur seals: Robben Island (Kaihyoto or Tyuleniy Island) off Sakhalin; the Commander Islands (Bering Island and Medny or Copper Island) at the Soviet end of the Aleutian Islands; and the Pribilof Islands (St. Paul Island, St. George Island, Otter Island, Walrus Island, and Sea Lion Rock.

it went north in the spring and returned south in the fall through the passes and channels of the Aleutian chain. However, as the sea otter reached a point of extermination, the fur seal became the source of much speculation as to where it spent its time on land and its breeding habits. In 1786, after more than eighteen years of search by hardy Russian navigators the land home of the fur seal was found with the discovery of the island of Saint George (Pribilof group) by Gehrman Pribylov. He took possession of the land in the name of Russia and endowed it with the name of his sloop, the Saint George. It was estimated that the seal herd (at the time of the Russian discovery) contained at least 2 1/2 million animals. Almost immediately the teeming rookeries of the Pribilofs began to yield sealskins for the fur markets of the world.

A SMALL FAMILY OF FUR SEALS

A few years before Pribylov's discovery, adventurous mariners from New England and Europe had investigated the commercial possibilities of the great herds of fur seals inhabiting the southern seas in their search for oils to replace the rapidly declining supply of whale oil. In the fifty years that followed, fur-seal rookeries on countless islands were destroyed as fast as they were discovered. Every seal that could be obtained was taken regardless of sex or age. Literally millions of pelts were delivered into the China trade. The sealing business was a profitable one but the period of prosperity did not last. The huge populations of fur seals south of the equator were rapidly annihilated with the exception of only a few small herds that still exist in the southern hemisphere.

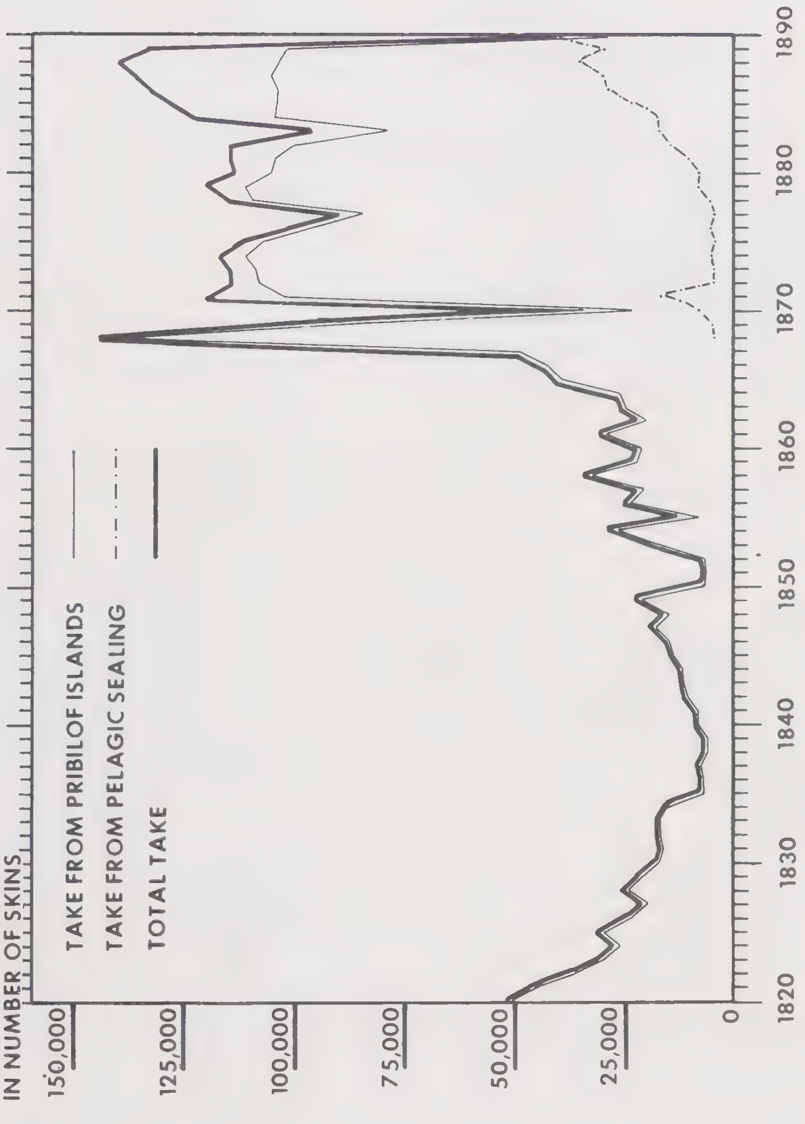
The exploration of the Alaska fur-seal herd at first followed the same destructive course as that pursued by sealers in the southern seas. Russian sealing operations were extravagant, wasteful, and largely unrecorded. There were no restrictions on the numbers of seals killed and no attempts made to protect the females. Operations were conducted in this manner and without a responsible head or director until 1799. In that year the seal islands passed into the control of the Russian-American Company which remained in charge until Russia sold Alaska to the United States.

The records of the Russian-American Company's early operations are imperfect but it is known that overseers recognized the dangers of over-exploitation and at various times placed temporary bans on killings. These bans were inadequate and by 1834 the herd had dwindled to the lowest point while under Russian jurisdiction. As a result, a stringent ban on killing was applied in 1835. After a rest of seven years, when fewer than 10 thousand skins were taken annually, the kill was gradually increased under controlled conditions. Only males were taken--the killing of females being forbidden.

FUR SEAL 'Idle Bull'

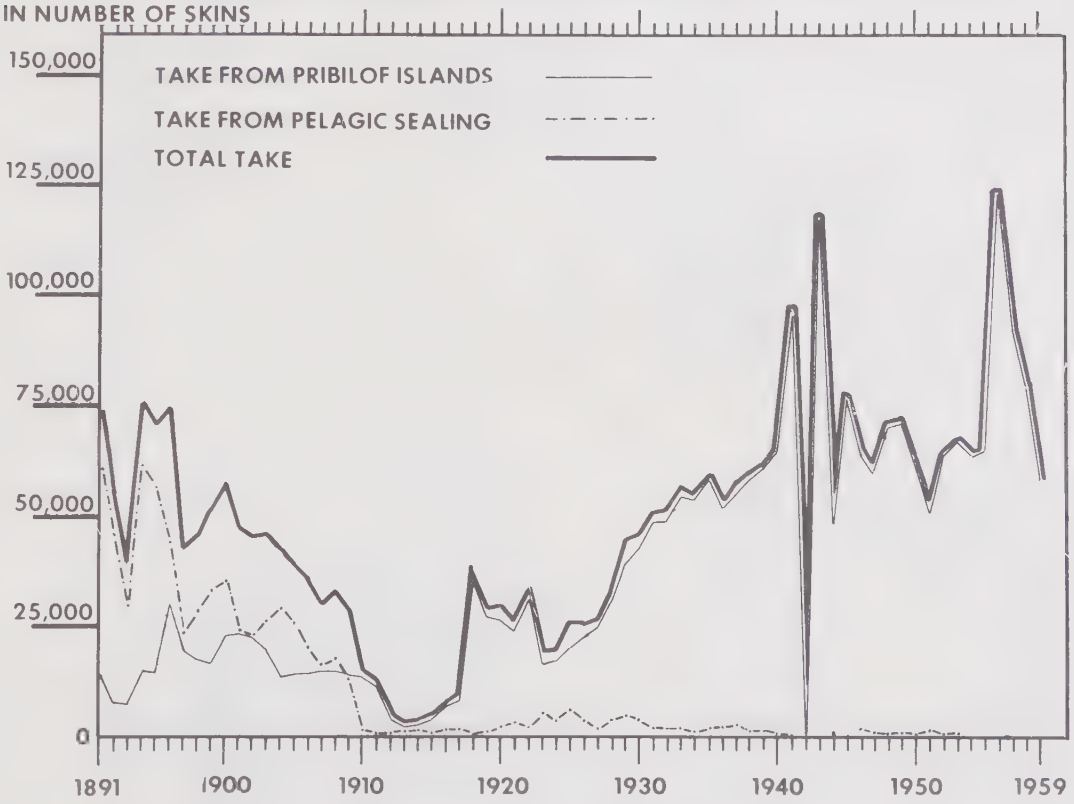
After the initial period of unrestricted killing, the take of seals throughout the Russian regime appears to have been conservative. Although complete data are not available it has been estimated that the Russians took more than 2 1/2

TAKE OF PRIBILOF ISLANDS FUR SEALS, 1820 - 1959



(Graph continued on next page)

TAKE OF PRIBILOF ISLANDS FUR SEALS, 1820 - 1959 - Continued



Note: The statistical table on pages 413-416 is the source of data for this presentation. Important factors in reading this graph are that Alaska was annexed to the United States in 1867; the Convention for the Protection and Preservation of the Fur Seals was signed in 1911; and that the take of skins in 1942 was very small when military restrictions on the Pribilof Islands were in effect.

million pelts between the time of the discovery of the islands and 1867--the year in which Alaska was annexed to the United States.

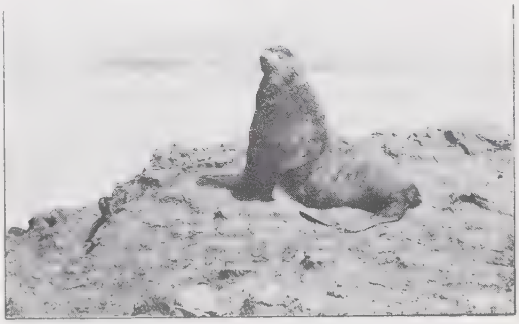
During the first year (1868) of American occupation, various independent parties took a total of 140 thousand seals. In the following year, before the islands were set aside by the United States Government as a special reservation for the protection of the animals, 86 thousand seals were killed. A year later the United States Treasury Department was authorized to lease exclusive rights to take seals on the islands, with stipulations that no females were to be taken.

During the next 40 years of ownership by the United States, the sealing privilege on the Pribilofs was leased to private companies (The Alaska Commercial Company and the North American Commercial Co.). More than 2 million fur-seal skins were taken. From 1870 to 1889 the Alaska Commercial Company had little difficulty in getting its annual quota of 100 thousand skins. However, although sealing operations on the islands were carefully regulated, pelagic sealing (the killing of seals at sea) was not regulated. By 1889 pelagic sealing was taking a heavy and damaging toll which threatened to exterminate the Alaska fur-seal herd.

FUR SEAL 'Pups'

Fur seals are vulnerable to capture while at sea as well as on land. The Indians of the northwest coast of America from time immemorial followed the custom of spearing fur seals from their canoes as the herd passed along their shores. However, the catch was small and the animals were taken primarily for food and clothing. The take had no material effect on the fur-seal herd. Between 1871 and 1878 this fishery was expanded and in 1879 schooners, averaging 70 tons fitted out to transport hunters and canoes to the sealing grounds, engaged in the fur-seal harvest. Sealing on land could be controlled but at sea all animals became targets. The result was the loss of many injured animals and others that had been killed outright sank and were never retrieved. More important was that a high percentage of the take were females whose death resulted in the loss of their unborn pups or the starvation of new-born pups left on land. Pelagic sealing greatly disturbed the pattern of production to which the conservation of the herd had been tailored; the slaughter was to end only when the herd had been reduced to such a low point that pelagic sealing as well as land killing was unprofitable. Pelagic sealing on a commercial scale reached its peak in 1894 when nearly 62 thousand skins were taken. Between 1868 and 1909 almost a million skins were taken on the high seas.

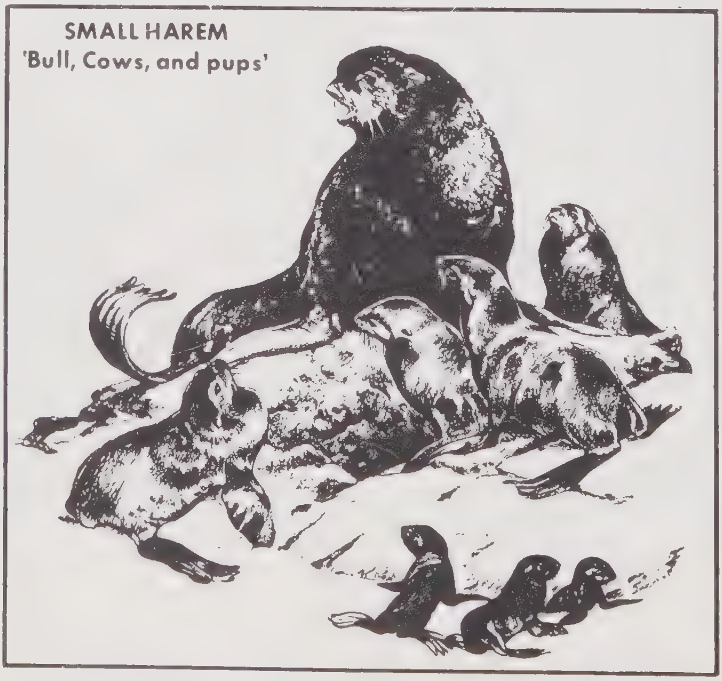
PRIBILOF ISLANDS FUR SEAL



Though pelagic sealing was an extremely wasteful method of taking seals there was, for many years, no way of preventing the operation because it was carried on in waters beyond the control of the countries possessing the rookeries. Recognizing that the wasteful killing at sea was greatly against the interests of the herd, the United States sought to establish jurisdiction over pelagic sealing in the Bering Sea. A number of the sealing vessels which operated in those waters were seized and confiscated by the United States. This resulted in a lengthy controversy with Great Britain since the pelagic fleet was largely of Canadian registry. In 1892 the entire matter was remanded to a tribunal of arbitration. This body, which met in Paris in 1893, denied the United States authority to exercise jurisdiction over the Pribilof Islands' fur seals when such animals were more than 3 miles from shore. Although other regulations were formulated for the protection of the fur seals, they later proved to be inadequate and the Pribilof herd continued to decline. In 1897 Congress enacted a law forbidding American citizens from engaging in pelagic sealing at any time or place. In 1910, the United States Government assumed full charge of sealing operations on the Pribilof Islands following expiration of the leasing program. In that year, the once great herd had been reduced to less than 150 thousand animals.

After extended diplomatic negotiations, concerted and timely action by conservationists of four countries (the United States, Great Britain, Japan, and Russia) finally succeeded in getting their governments to accept the terms of the North Pacific Fur-Seal Convention of 1911. Pelagic sealing was prohibited except by aborigines using primitive weapons. Each country owning fur-seal rookeries agreed to share 30 percent of the annual take of sealskins--Canada and Japan each to receive 15 percent of the sealskins from the Pribilof Islands and 15 percent of those from the Commander Islands, and Canada, Russia, and the United States each to receive 10 percent of the pelts from Robben Island. The convention remained in force for 30 years until terminated by Japan in 1941. From 1942 to 1957 the Pribilof herd was protected by a provisional agreement between Canada and the United States and in 1957 a new North Pacific Fur-Seal Convention similar in basic provisions to the 1911 convention was concluded by Canada, Japan, the Union of Soviet Socialist Republics, and the United States.

The convention of 1911 provided, for the first time, a sound basis for the management of the North Pacific fur seals. Since 1911 the Alaska fur-seal herd has steadily increased from less than 150 thousand seals to its present level of about 1 1/2 million animals--one of the most outstanding accomplishments in the conservation of wildlife. Since 1939 the herd has sustained an average annual yield of about 69 thousand fur-seal skins. The future of the Alaska fur-seal herd seems assured as long as the countries of the world continue to work together in the solution of problems peculiar to such migratory wildlife populations.



TAKE OF PRIBILOF ISLANDS FUR SEALS, 1786 - 1959

Year	From Pribilof Islands	From Pelagic And Other Sources	Total
	Number	Number	Number
1786 - 1796	1/ 2/ 417,758	(3)	417,758
1797 - 1816	4/ 844,890	(3)	844,890
1817	4/ 5/ 60,188	(3)	60,188
1818	4/ 5/ 59,856	(3)	59,856
1819	4/ 5/ 52,224	(3)	52,224
1820	4/ 5/ 50,220	(3)	50,220
1821	4/ 5/ 44,995	(3)	44,995
1822	5/ 36,469	(3)	36,469
1823	5/ 29,873	(3)	29,873
1824	5/ 25,400	(3)	25,400
1825	5/ 30,100	(3)	30,100
1826	5/ 23,250	(3)	23,250
1827	5/ 19,700	(3)	19,700
1828	5/ 23,288	(3)	23,288
1829	5/ 20,811	(3)	20,811
1830	5/ 18,034	(3)	18,034
1831	5/ 16,034	(3)	16,034
1832	5/ 16,446	(3)	16,446
1833	5/ 16,412	(3)	16,412
1834	5/ 15,751	(3)	15,751
1835	5/ 6,580	(3)	6,580
1836	5/ 6,590	(3)	6,590
1837	5/ 6,802	(3)	6,802
1838	6/ 6,000	(3)	6,000
1839	6/ 6,000	(3)	6,000
1840	6/ 8,000	(3)	8,000
1841	6/ 8,000	(3)	8,000
1842	6/ 10,370	(3)	10,370
1843	6/ 11,240	(3)	11,240
1844	6/ 11,924	(3)	11,924
1845	6/ 13,637	(3)	13,637
1846	6/ 15,070	(3)	15,070
1847	6/ 17,703	(3)	17,703
1848	6/ 14,650	(3)	14,650
1849	6/ 21,450	(3)	21,450
1850	6/ 6,770	(3)	6,770
1851	6/ 6,564	(3)	6,564
1852	6/ 6,725	(3)	6,725
1853	6/ 18,035	(3)	18,035
1854	6/ 26,146	(3)	26,146
1855	6/ 8,585	(3)	8,585
1856	6/ 23,550	(3)	23,550
1857	6/ 21,082	(3)	21,082
1858	6/ 31,810	(3)	31,810
1859	6/ 22,000	(3)	22,000
1860	6/ 21,590	(3)	21,590
1861	7/ 29,699	(3)	29,699
1862	8/ 20,000	(3)	20,000
1863	8/ 25,000	(3)	25,000
1864	8/ 26,000	(3)	26,000
1865	8/ 40,000	(3)	40,000
1866	8/ 42,000	(3)	42,000

See footnotes at end of table.

(Continued on next page)

TAKE OF PRIBILOF ISLANDS FUR SEALS, 1786 - 1959 - Continued

Year	From Pribilof Islands	From Pelagic And Other Sources	Total
	Number	Number	Number
1867	[8] 48,000	(3)	48,000
1868	[9] 140,000	4,367	144,367
1869	[9] 85,901	4,430	90,331
1870	[9] 23,773	8,686	32,459
1871	[9] 102,960	16,911	119,871
1872	[9] 108,819	5,336	114,155
1873	[9] 109,117	5,229	114,346
1874	[9] 110,585	5,825	116,410
1875	[9] 106,460	5,033	111,493
1876	[9] 94,657	5,515	100,172
1877	[9] 84,310	5,210	89,520
1878	[9] 109,323	5,540	114,863
1879	[9] 110,511	8,557	119,068
1880	[9] 105,718	8,418	114,136
1881	[9] 105,063	10,382	115,445
1882	[9] 99,812	15,581	115,393
1883	[9] 79,509	16,587	96,096
1884	[9] 105,434	16,971	122,405
1885	[9] 105,024	23,040	128,064
1886	[9] 104,521	28,494	133,015
1887	[9] 105,760	30,628	136,388
1888	[9] 103,304	36,389	139,693
1889	[9] 102,617	29,858	132,475
1890	[9] 28,859	40,814	69,673
1891	[9] 14,406	59,568	73,974
1892	[9] 7,509	46,642	54,151
1893	[9] 7,390	30,812	38,202
1894	[9] 15,033	61,838	76,871
1895	[9] 14,846	56,291	71,137
1896	[9] 30,654	43,917	74,571
1897	[9] 19,200	24,332	43,532
1898	[9] 18,047	28,552	46,599
1899	[9] 16,812	34,168	50,980
1900	[10] 22,470	35,191	57,661
1901	[10] 22,672	24,050	46,722
1902	[10] 22,386	22,812	45,198
1903	[10] 19,292	27,000	46,292
1904	[10] 13,128	29,006	42,134
1905	[10] 14,368	25,320	39,688
1906	[10] 14,476	21,236	35,712
1907	[10] 14,964	16,036	31,000
1908	[10] 14,996	18,151	33,147
1909	14,368	14,139	28,507
1910	13,586	795	14,381
[11] 1911	12,006	139	12,145
1912	3,764	[12] 205	3,969
[13] 1913	2,406	495	2,901
1914	2,735	366	3,101
1915	3,947	439	4,386
1916	6,468	629	7,097
1917	8,170	737	8,907
1918	34,890	483	35,373

See footnotes at end of table.

(Continued on next page)

TAKE OF PRIBILOF ISLANDS FUR SEALS, 1786 - 1959 - Continued

Year	From Pribilof Islands	From Pelagic And Other Sources	Total
	Number	Number	Number
1919	27,821	626	28,447
1920	26,648	2,343	28,991
1921	23,681	3,115	26,796
1922	31,156	2,563	33,719
1923	15,920	5,818	21,738
1924	17,219	3,285	20,504
1925	19,860	6,509	26,369
1926	22,131	3,899	26,030
1927	24,942	2,301	27,243
1928	31,099	3,902	35,001
1929	40,068	4,969	45,037
1930	42,500	3,984	46,484
1931	49,524	1,649	51,173
1932	49,336	1,938	51,274
1933	54,550	2,076	56,626
1934	53,468	290	53,758
1935	57,296	980	58,276
1936	52,446	1,927	54,373
1937	55,180	2,832	58,012
1938	58,364	1,551	59,915
1939	60,473	637	61,110
1940	65,263	[14] 65	65,328
1941	95,013	21	95,034
1942	[15] 150	-	150
1943	[16] 117,184	-	117,184
1944	47,652	91	47,743
1945	76,964	39	77,003
1946	64,523	417	64,940
1947	61,447	186	61,633
1948	70,142	244	70,386
1949	70,990	90	71,080
1950	60,204	333	60,537
1951	50,771	735	51,506
1952	63,922	28	63,950
1953	66,669	54	66,723
1954	63,882	-	63,882
1955	65,453	-	65,453
1956	122,826	-	122,826
1957	93,608	-	93,608
1958	78,919	-	78,919
1959	57,810	-	57,810

---

[1] Berg's Chronological History, 1820, cited in Vol. I, Appendix to Case of United States, Paris Tribunal of Arbitration, reprint 1895, Page 125.

[2] Attempts to obtain authentic records on the number of fur-seals slain upon the Pribilof Islands prior to 1868 was a partial failure. Counts of shipments of skins due to be exported to China or Russia were made by the Russian Company when the skins were shipped to Sitka. Beyond this, there were only a few records on the number of animals consumed in Alaska, lost through wastefulness and crude methods of curring skins, or destroyed in the warehouses. This confuses a correct determination as to the sum totals and the result probably represents not more than one-half the seals killed

(Footnotes continued on next page)

TAKE OF PRIBILOF ISLANDS FUR SEALS, 1786 - 1959 - Continued

during these years. 3/ Fur-seals taken from areas other than on the Pribilof Islands are included with those taken on the Islands. 4/ Elliott's Monograph, reprint Seal and Salmon Fisheries, Part 3, Page 115, gives the number of seals killed from 1797 to 1821 as 1,112,373, after deducting 5,000 skins annually for skins shipped from the Commander Islands. The number 844,890 is obtained by deducting from the above number the seals stated by Vemaminof to have been killed during the years 1817 to 1821. 5/ Vemaminof, Notes on Islands of Unalaska District, Part 2, Table 6, cited in Case of United States, Tribunal of Arbitration at Paris, reprint 1895, Page 126. 6/ Report of H. H. McIntyre, 1869, (House Ex. Doc. No. 36, 41st. Cong., 2nd Session.). 7/ Report of British Commissioners, Fur-Seal Arbitration, reprint 1895, Vol. 6, Page 109. 8/ The Fishery Industries of the United States, 1880 by G. Brown Goode (Henry W. Elliot), Section V, History and Methods, Text Volume 2, Page 361-362. 9/ The Commercial Fisheries of Alaska in 1905. Bureau of Fisheries Document No. 603, Page 32. 10/ The Fur-Seal Fisheries of Alaska in 1909 by Walter I. Lembkey. Bureau of Fisheries Document No. 735. 11/ Convention for the Protection and Preservation of the Fur-Seals and Sea Otters was signed on July 7, 1911. 12/ By 1912, illegal pelagic sealing at the expense of the Pribilof Islands herd had entirely ceased. However, the Convention allowed, under primitive conditions, Indians, Aleuts, or other aborigines dwelling on the coasts of America to take fur seals. The take of fur-seal skins from pelagic and other sources from 1912 to 1953 was done under these conditions. 13/ The Act of Congress approved August 24, 1912, provided that "all killing of fur-seals on the Pribilof Islands, or anywhere within the jurisdiction of the United States in Alaska, shall be suspended for a period of five years, and shall be, and is hereby, declared to be unlawful." In strict compliance with that provision of law, no seals were killed except such as was necessary for food for the natives. 14/ Following 1940, interest in pelagic sealing dwindled. No skins were taken in 1942 and 1943 when employment was at a high point and military restrictions on offshore activities were in effect. Since 1954 there has been no recorded commercial pelagic sealing carried on at the expense of the Pribilof Islands herd. 15/ Due to the war situation in the Alaska and Aleutian Islands area, all inhabitants of the Pribilof Islands were removed by order of the military authorities. When the evacuation was ordered, sealing operations were just getting under way. The take of skins was very small. 16/ This figure represented the second largest kill under controlled conditions in the history of the Islands. In 1943, the normal number of seals were taken and also those animals which would have been taken in 1942 if normal sealing operations had been carried on.

Note: Data for 1909 - 1959 from The Fisheries of Alaska in 1909; Alaska Fisheries and Fur Industries for the years 1910 through 1919; Alaska Fishery and Fur-Seal Industries for the years 1920 through 1955; and Fishery Statistics of the United States, 1956 - 1959. These are a series of Bureau of Fisheries documents, administrative reports, and statistical digests assembled and published by the Bureau of Commercial Fisheries and its predecessor organizations.

BYPRODUCTS

After the United States Government assumed full charge of sealing operations on the Pribilof Islands in 1910, efforts were made to utilize the waste products of the fur-seal industry. Prior to World War I, the fur-seal carcasses, for the most part, were abandoned to the elements. Natives of the islands used some of the seal meat as food and other parts of the carcasses were utilized in the making of clothing. The abandoned fur-seal carcasses were also an important source of food for the blue fox populations on the islands.

World War I stimulated efforts to utilize waste products of the industry. Seal meat was preserved in salt for experimental use by the Department of Agriculture, the gullets or throats of the animals were used experimentally in fine leather work, oil and gelatine were extracted from carcasses, tests were made of the suitability of intestines for sausage casings, and fur-seal bone deposits from the killing fields were collected for chemical analysis. However, very little was actually achieved as a result of this experimental work although about 472 thousand pounds of fur-seal bones were shipped to the United States during the war and sold for the manufacture of fertilizer.

In 1918 a small byproducts plant was built by the Government for the purpose of producing additional oil from which glycerine, an essential material for munitions manufacture, could be prepared. This plant was operated on a limited basis from 1919 through 1924, and for a short period in 1928. Operations were restricted by a shortage of coal for fuel and after 1920 the price of meal and oil declined to the point where the operation of the plant was not economical. During its period of operation, the plant produced about 82 thousand pounds of meal and 34 thousand gallons of oil. Although there were some sales, over half of the meal was used as fox food on the islands and over two-thirds of the oil was used in the tanning of sealskins and in the preparation of fox food.

In 1930 the byproducts plant was modernized and enlarged. This new installation was completed in 1931 but due to low prices for oil and meal it was not placed in operation until 1935. The plant has since been operated each season, except in 1942 when the Pribilof Islands were evacuated for military reasons.

During World War II the demand for meal and oil was greatly increased. However, the plant was no longer adequate to utilize all of the available waste products because between 1930 and 1940 the annual take of sealskins had increased about 50 percent. Plans were made to double the capacity of the plant but due to wartime shortages and other related reasons, the expansion was not completed until 1948.

Since 1948 the plant has produced an average annual yield of about 733 thousand pounds of seal meal and 48 thousand gallons of oil. From 1935 to 1939 most of the fur-seal meal produced each year was used as fish food in hatcheries operated by the U. S. Fish and Wildlife Service. However, in recent years most of the meal has been sold for use as a protein ingredient in poultry feed. A small quantity has been used experimentally in the feeding of fur-bearing animals and small amounts have also been sold to state fish hatcheries. Since 1935 most of the fur-seal oil has been sold for the account of the Government for use in leather tanning.

PRODUCTION AND SALES OF FUR-SEAL MEAL AND OIL, 1919 - 1959

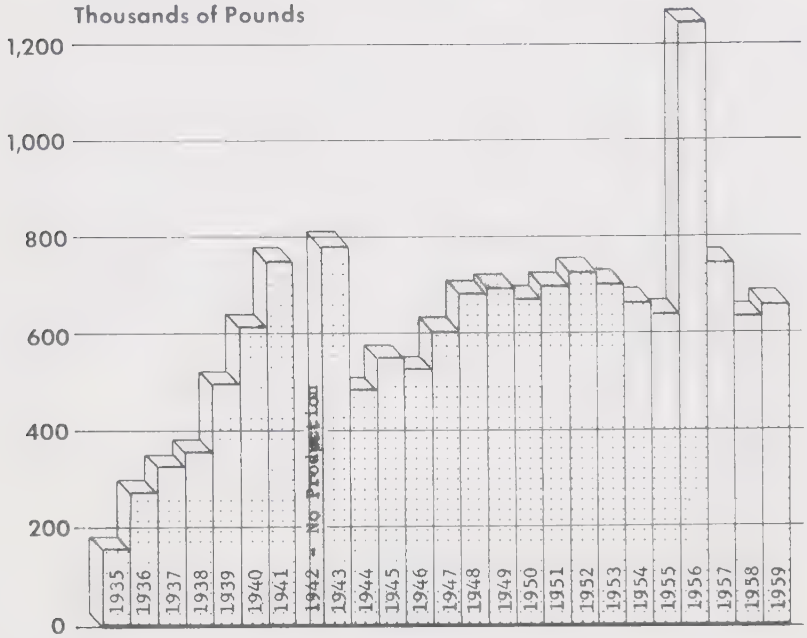
Year	Quantity Produced		Quantity Sold	
	Meal	Oil	Meal	Oil
	Pounds	Gallons	Pounds	Gallons
1919	20,568	3,000	20,568	3,000
1920	19,000	1,853	15,393	-
1921	8,759	5,271	-	-
1922	1,935	8,546	-	-
1923	8,703	5,925	-	-
1924	19,014	6,870	-	-
1925	-	-	1,019	-
1926	-	-	3,518	-
1927	(1)	(1)	(1)	(1)
1928	4,215	2,479	-	-
1929 - 1934	(1)	(1)	(1)	(1)
1935	155,254	18,994	-	18,238
1936	276,040	25,252	-	23,669
1937	330,265	29,830	-	29,341
1938	357,222	30,587	-	29,865
1939	502,914	32,809	338,421	27,966
1940	618,762	30,605	569,536	24,405
1941	747,546	54,610	746,457	39,610
1942	(1)	(1)	(1)	(1)
1943	782,000	75,259	244,679	94,482
1944	484,776	32,976	835,470	32,976
1945	547,969	41,189	547,969	41,189
1946	528,040	33,912	528,040	33,912
1947	606,514	39,746	606,514	39,746
1948	686,089	48,592	684,089	48,592
1949	694,350	49,253	693,350	49,253
1950	673,558	42,013	672,000	41,689
1951	702,616	39,867	702,000	39,867
1952	729,806	35,029	729,806	35,029
1953	705,935	46,800	705,935	46,800
1954	661,131	40,220	661,131	40,220
1955	642,876	40,509	642,876	40,509
1956	1,252,169	88,270	1,252,169	88,270
1957	748,277	53,291	748,277	53,291
1958	636,000	52,908	636,000	52,908
1959	659,167	39,307	659,167	39,307

1/ Plant not operated.

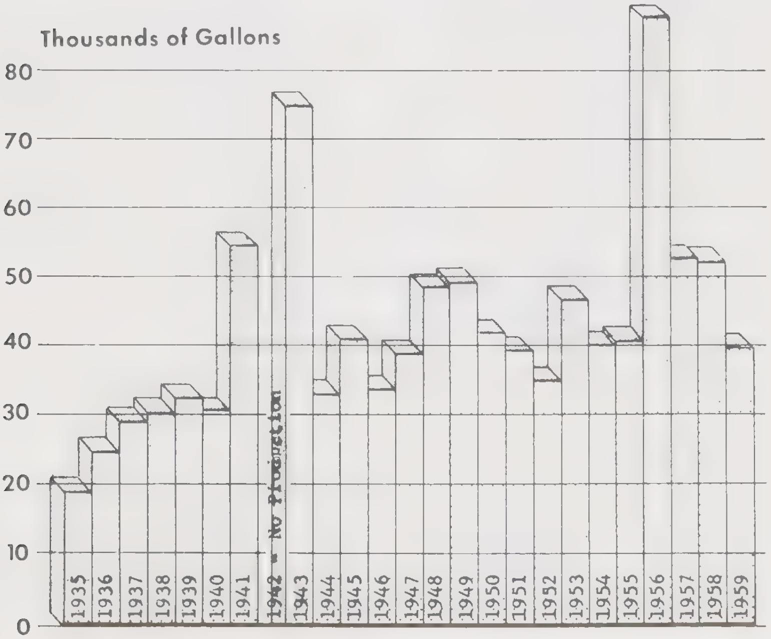
Source: Data for 1919 - 1934 from Alaska Fisheries and Fur Industries and Alaska Fishery and Fur-Seal Industries. These are a series of Bureau of Fisheries documents and administrative reports. Data for 1935 - 1949 from Fishery Leaflet 380 by Ralph C. Baker. Data for 1950 - 1959 from Alaska Fishery and Fur-Seal Industries and Fishery Statistics of the United States. These are a series of statistical digests assembled and published by the Bureau of Commercial Fisheries and its predecessor organizations.

HISTORICAL FISHERY STATISTICS

PRODUCTION OF FUR-SEAL MEAL, 1935 - 1959



PRODUCTION OF FUR-SEAL OIL, 1935 - 1959



HISTORICAL FISHERY STATISTICS

TAKE AND AVERAGE VALUE OF PRIBILOF ISLANDS FUR-SEAL SKINS, 1956-1959

Year	Number of Skins Taken			Average Price at Fall Auction
	Male	Female	Total	
1956	95,849	26,977	122,826	$ 99.95
1957	46,195	47,423	93,618	68.22
1958	47,860	31,059	78,919	85.28
1959	30,176	27,634	57,810	102.20

Note: In 1956, for the first time, large numbers of female fur-seal skins were taken. Prior to 1956 only a few females were taken as a result of research activities or accidental killing on the hauling grounds.

SHIPMENT AND SALE OF FUR-SEAL BONES, 1917 - 1919

Year of Shipment	Net Weight In Pounds	Receipts Less Expense of Sale
1917	32,170	$ 322
1918	338,900	4,532
1919	101,084	1,447
Total	472,154	6,301

Note: Includes old sea-lion bones.
Source: Alaska Fisheries and Fur Industries, Fishery Document No. 847, 872, and 891.

SECTION 13

STATISTICAL SURVEY PROCEDURE

This report is another in a series of annual statistical reports containing detailed statistics, analytic textual reviews, and graphic presentations on the commercial fisheries of the United States. Included are data on the quantity and value of the commercial yield of fishery products by states, regions, waters, and gear; and the number of persons and operating units engaged in the fisheries. The publication contains data on the volume and value of processed fishery products, freezings and cold-storage holdings, foreign trade, and other related information. The report has been prepared and published by the Bureau of Commercial Fisheries, Fish and Wildlife Service, United States Department of the Interior, and is a continuation of a series inaugurated by its predecessor organizations in the Departments of Interior, Commerce, Commerce and Labor, and the United States Fish Commission.

In order that those who use the statistical data contained in this and previous reports may be informed as to the source of the figures and methods for their collection, it has been deemed advisable to outline, in moderate detail, the survey procedure followed. This procedure has been developed over a period of years, and changes in methods have been made at times when such changes have appeared to work toward general improvement. While the surveys in different sections are not made in the same manner, owing to varying facilities and records, an attempt has been made to make the data collected by various methods comparable with respect to the same year as well as over a period of years. Throughout the entire plan it has been the intention to coordinate state and federal fishery statistical work so that there will be as little duplication of effort as possible.

SECTIONAL SURVEYS

Statistical surveys of the fisheries and fishery industries of the various sections of the United States occupy by far the greatest part of the time of the personnel of the Branch of Statistics. In the course of these surveys, the field representatives visit the individual fishing localities of the various states to collect statistics on the volume and value of the catch of fish and shellfish, employment in the fisheries, quantity of fishing gear, number and classification of fishing and transporting craft, and the volume and value of manufactured fishery products and byproducts. The various phases of these surveys are discussed in detail, in the sections following.

History--The first comprehensive statistical study of the fisheries and fishery industries of the United States was made for the year 1880 by George Brown Goode, Assistant Director of the United States National Museum, and associates, with the cooperation of the Commissioner of Fisheries and the Superintendent of the Tenth Census. Data for specific fisheries, or restricted sections for years prior to 1880, also were collected in the early survey and recorded in Mr. Goode's reports. The survey for 1880, however, did not include the Mississippi River and its tributaries. Periodic general surveys of a limited number of states or limited areas of the United States were made for the years from 1880 to 1907 and from 1909 to 1928. The first complete statistical canvass of the entire United States was made for 1908 by the Bureau of the Census. The next general survey of the entire United States was not made until 1931, although complete data for all sections, excluding the Mississippi River and its tributaries, were collected for 1929 and 1930. Complete data on the catch and operating units for these same sections were also collected for 1932. In the latter survey, however, lack of sufficient funds prohibited collection of data on the wholesale and manufacturing operations except those data collected as a part of the canned fishery products and byproducts survey. Various sections were surveyed during the years from 1933 to 1949, inclusive. A complete survey of all sections of the country was made for 1950. Since 1951, all of the coastal areas were canvassed annually, and catch records were obtained for the Lakes section. Complete operating unit and catch data have been obtained for all areas since 1954. Data on the wholesale and manufacturing industries were collected in all of the surveys from 1933 to 1940, inclusive. In the years from 1941 to 1949, inclusive, and in 1951, lack of experienced personnel and budgetary limitations precluded the collection of data on wholesale and manufacturing firms except for those data collected as part of the canned fishery products, byproducts, and packaged fish surveys.

STATISTICAL SURVEY PROCEDURE

The chart on page 423 indicates the years for which surveys have been made in the various sections. Figures for more recent years are available from the Bureau in bulletin form, but data for the earlier years are available only in the Fish Commission and Bureau of Fisheries printed reports. These reports are available for reference in the Department of the Interior library and in many public libraries.

Since the surveys of the fisheries have varied in completeness three legends have been used for the years shown in the chart to indicate whether complete, partial, or no surveys were conducted in the individual regions. The designation "complete survey" has been used to indicate that basic operating unit and catch data were obtained and that complete information was collected on employment in wholesale and manufacturing establishments and on the production of manufactured fishery products. The legend "partial survey" usually indicates that operating unit and catch statistics were collected, but that no information was obtained on employment in wholesale and manufacturing establishments and that only partial data were obtained on the production of manufactured fishery products. In some instances the designation "partial survey" is used for regions in which only catch statistics were collected. The legend "no survey" indicates that a general canvass was not conducted to obtain operating unit, catch, employment in wholesale and manufacturing plants, and complete manufactured products data. Although the chart indicates that in certain regions no surveys were conducted, some information may be available on the landings at certain important ports. Likewise, information on the catch of certain species, such as menhaden, may be available as a result of data collected in connection with the annual canned fish and byproducts survey. Data on the annual production of canned fishery products and byproducts have been collected for all regions since 1921, while information has been obtained on the production of packaged fish for 1926 and annually since 1928.

A bibliography listing the various surveys made since 1880 and the publications in which the results were published appeared in Statistical Digest No. 43, "Fishery Statistics of the United States, 1956." A list of the statistical bulletins in the Current Fishery Statistics series published during 1959 may be found in Section 16 of this digest.

Field Personnel--The statistics contained in this volume have been collected by a group of trained fishery marketing specialists of the Bureau.

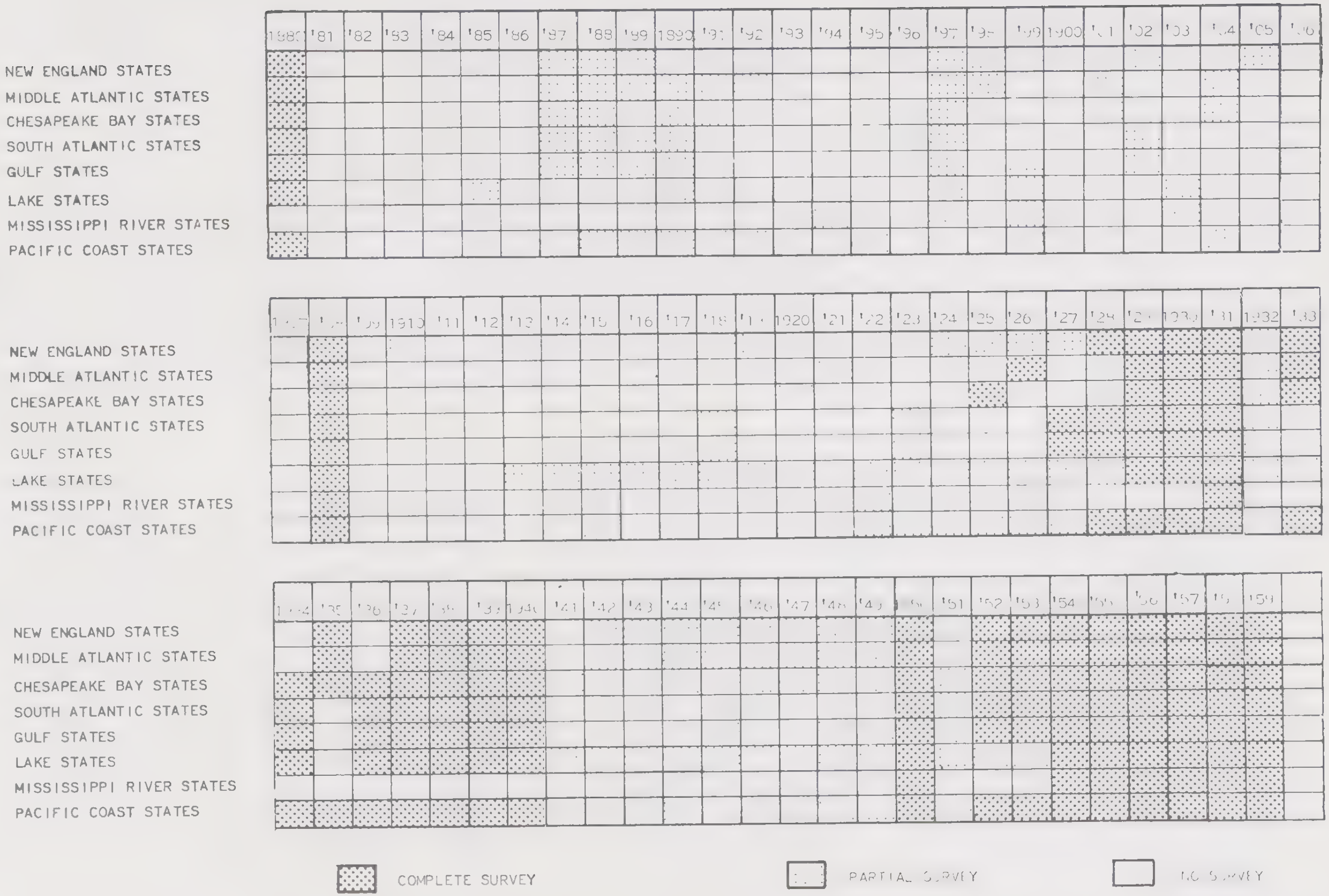
Period Covered--These specialists are assigned permanent field stations, generally in the principal port within their field, and travel from that station in conducting their various surveys. Most of the agents collect statistics on landings for the current year, and assemble final operating unit, catch, and manufactured products data for the previous year. It is usually three to ten months after the end of the calendar year for which they are collecting data before the final figures for this digest are available. The data are tabulated and prepared for publication before the end of the year. The figures are collected and published on a calendar year basis. Prior to 1930, statistics on the catch of oysters in the Atlantic and Gulf States were collected for the oyster season; that is, from September to April, inclusive. Beginning with 1930 and continuing to the present time, they have been collected on the basis of the calendar year.

Scope--The coastal statistical surveys include canvasses of the commercial fisheries of the oceans, bays, and coastal rivers as far inland as commercial fishing is important. This usually coincides with the range of commercial fishing for anadromous species. Statistics on the fisheries of the Mississippi River include those of the Mississippi River proper as well as all of its tributaries wherein commercial fishing for either fish, crustaceans, or mollusks is carried on. Statistics on the fisheries of the Great Lakes cover canvasses of the fisheries in the lakes proper, adjacent bays, the International Lakes of northern Minnesota, and rivers which sustain a commercial fishery having outlets into these waters. Statistics on the fisheries of Florida include the commercial fisheries in Lake Okeechobee and other inland lakes. Surveys for statistics of the wholesale and manufacturing fishery industries cover plants located in the coastal, river, and lake areas adjacent to the waters mentioned above.

Methods of Collection--There are several methods used in the collection of fishery

STATISTICAL SURVEY PROCEDURE

SURVEYS OF THE FISHERIES OF THE UNITED STATES



statistics, each of which has been carefully studied to obtain the best results with available personnel and funds. In most instances the field personnel obtain from local customs officials lists of fishing vessels and names of owners of these craft. Also it is usually possible to obtain the names of licensed commercial fishermen, fishing craft, and some statistics on the catch, from state fishery agencies; from other state, county, or city sources; or from private organizations.

Using available preliminary records as a guide, the field specialists visit each fishing community in their field unless these preliminary records are so complete that personal visits may be eliminated. If complete catch data are not available from central sources, wholesale dealers and manufacturers of fishery products are visited and data are obtained from them on their purchases of fish and shellfish. It is impossible for the few Bureau representatives available for this work to interview each fisherman in a given locality. However, the more important areas and a sufficient number of areas of lesser importance are visited to obtain reliable information on production, the number of fishing craft engaged, the quantity of gear operated, catch by gear and waters, and the number of persons employed as fishermen.

The Bureau's role with regard to fishery statistics is principally that of coordinating the collection of information, assembling, analyzing, publishing, and disseminating fishery data. The collection of basic operating unit and catch statistics is primarily a state function. The state fishery agencies in a number of states have developed relatively complete statistical systems which greatly facilitate the Bureau's surveys in these states. In such instances, the Bureau conducts only such surveys as may be necessary to make the data comparable with those of other states.

The Bureau obtains from the records of the state fishery agencies most of the catch statistics for the fisheries of the Great Lakes, the northern Mississippi River area, and the International Lakes of northern Minnesota. To obtain data on the number of fishermen, boats, vessels, and gear, the Bureau conducts such personal surveys among the fishermen as may be necessary to supplement the state records.

Bureau statistical personnel are stationed at Seattle, Washington; Astoria, Oregon; and San Pedro, California for the purpose of surveying the fisheries of Washington, Oregon, and California. They obtain from the records of the state fishery departments figures on the volume of the catch and operating units. The value of the catch is derived from state and dealers' records. In Washington and Oregon data for operating units in the offshore fisheries are obtained from the records of various fishery organizations as well as from records of the state fishery agencies. Statistics of the wholesale fishery industry for this section are obtained largely by personal interviews.

In many states, the Bureau and the fishery agency of the respective states cooperate in the collection and publication of current monthly and annual data on the catch. These data form the basis of the annual catch figures published in this report for the following states: Maine, Massachusetts, Rhode Island, New York, New Jersey, North Carolina, South Carolina, Georgia, Florida, Alabama, Mississippi, Louisiana, Texas, Washington, Oregon, California, Hawaii, and Ohio.

In the administration of the Alaska fisheries, the Bureau requires that copies of all receipts for fish and shellfish purchased from fishermen be furnished to the Bureau's Division of Resource Management. The data on these tickets are compiled by the Division and the summary data, by districts, are reproduced in this report.

Statistics on the volume of the catch of fish in the Great Lakes States usually are shown in weights as landed, which may be in the round or drawn condition. Statistics on the volume of the catch of fish taken in the remainder of the United States are usually shown in round weight.

The figures in the tables for shellfish represent the weight of the meats in the cases of univalve and bivalve mollusks, and the round weight of crustaceans and such mollusks as squid and octopus.

Shore and Vessel Fisheries--In general, statistics of the shore fisheries, as collected by the Bureau's representatives, include data on the number of casual and regular fishermen; number of motor and other fishing boats and accessory boats (craft of less than 5 net tons capacity are called "boats"); type and quantity of gear used; and the volume, value, and method of capture of each species for each locality or group of localities. This method is not followed in some sections where the availability of data collected by the state fishery agencies obviates the necessity of detailed locality surveys.

Statistics of the vessel fisheries include data on the number in the crew; rig of vessels; net tonnage; kind and quantity of gear used; accessory boats carried; and volume, value, and method of capture of each species. Craft having a capacity of five net tons or over are called "vessels". As in the shore fisheries, the availability of figures collected by state fishery agencies may eliminate the necessity of our Bureau agents collecting these data for individual vessels.

Statistics on the quantity of gear operated indicate the maximum number of units fished at any one time during the year. Gear carried in reserve for replacement is not reported.

All persons engaged in commercial fishing operations are included as fishermen. In most areas fishermen not on vessels have been divided into "regular" and "casual". Regular fishermen are defined as those who receive more than one-half their annual income from fishing; whereas casual fishermen are those who receive less than one-half their annual compensation from fishing. On the Pacific Coast it has not been possible to separate regular from casual fishermen.

Since 1942, the catch of fish and shellfish has been credited to the port at which it was landed. Prior to the survey for that year it was the practice of the Bureau to credit the entire catch of a vessel to the principal port at which fish or shellfish were unloaded, regardless of the actual point of landing. This policy was discontinued since it quite often resulted in inconsistencies by crediting catches of some species to areas far removed from localities in which they are commonly taken. An outstanding example of this is the southern trawl fishery conducted off the New Jersey, Maryland, Virginia, and North Carolina coasts. Some fishing vessels from New England operate in this fishery for 6 to 10 weeks during the winter season. Prior to the survey for 1942 the catch of these vessels, consisting principally of fish common to Middle Atlantic waters, was credited to Massachusetts. Under the present system, this catch is credited to the Middle Atlantic ports where it is landed.

Since 1949 on the Pacific Coast and 1951 for the balance of the country, craft, fishermen, and gear have been reported for each state in which they fished. A total exclusive of duplication is shown for each section, and for the United States as a whole. Prior to the surveys for 1949, each craft on the Pacific Coast was credited to its home port unless it did not fish from that port during the year. In that case, it was credited to the locality where it landed the greatest portion of its catch. Prior to the survey for 1951, each craft on the Atlantic and Gulf Coasts and interior waters was credited to the port where it landed the greatest portion of its catch during the year. This system was changed to provide more accurate data on the total number of craft operating in a given state. With the increased mobility of the fishing fleet in recent years, the number of vessels fishing in more than one state has increased greatly.

Beginning with data for 1951, the reporting of units of gear was standardized so that nets or lines made up of small units for ease in handling, but fastened together in fishing, were counted as a single unit rather than as a number of smaller units. Prior to 1951, the small units were sometimes counted as individual pieces of gear even though they were combined for fishing. This rule does not apply to halibut long or set lines on the Pacific Coast. In this fishery each skate of gear is counted as one line, even though they are fastened together in fishing, because the International Pacific Halibut Commission uses a skate of gear as a unit in its studies of fishing intensity.

Publication of Data--Statistics on employment in the fisheries, craft and gear engaged, quantity and value of catch, and certain data on industries related to the fisheries are summarized according to geographic divisions and published in bulletin form as soon as possible after the completion of each survey. Later, the figures, in more detail, are included in the annual report of the Bureau entitled "Fishery Statistics of the United States".

Data on the operating units (fishermen, fishing craft, and gear) and catch by counties for the Atlantic and Gulf States have been included in these annual statistical reports for the years from 1928 to 1938 except for 1932. These data have also been published in the digests for the years 1945, 1950, and 1955. County data were collected for the states in which surveys were conducted during the years since 1938, except for Maryland, since 1942. Since 1942, only operating unit data by counties have been obtained for Maryland.

County data assembled for the years since 1938 which were not published in the digest, are on file in the Washington office of the Bureau.

LOCAL AND SPECIAL SURVEYS

Landings at Certain Massachusetts Ports--Detailed statistics are collected on the landings of aquatic products by individual fishing craft at Boston, Gloucester, New Bedford, Plymouth, Provincetown, and other Cape Cod ports. Bureau representatives are stationed at the principal ports. They obtain figures on the quantity and value of fish landed daily by fishing craft, the date of departure and arrival of the craft, the gear used in their capture, the grounds from which the fish were taken, and other related information. The Bureau's Division of Biological Research and the Branch of Market News cooperate in the collection of these data.

Statistics on landings at the above ports are released monthly and annually in bulletin form and detailed data are published in the annual statistical digest. Products of American Fisheries received duty free at Boston and Gloucester from the treaty coasts of Newfoundland, Magdalen Islands, and Labrador, have not been included in the landings at these ports since 1938. Data on the landings at Boston and Gloucester have been collected annually since 1893. Information on landings at New Bedford has been collected annually since 1938 and at Plymouth, Provincetown, and other Cape Cod ports since 1945.

Shad and Alewife Fisheries--Owing to the importance of the Hudson and Potomac Rivers in the production of shad, surveys for statistics of the catch, value of the catch, and operating units are made annually. On the Potomac River similar statistics are also obtained for the alewife fishery. Much of the data required for these surveys are available from the state fishery agencies.

Annual data on the shad and alewife fisheries are not published separately in bulletin form. However, a summary is published in the annual statistical digest.

Statistics on the Hudson River shad fishery are available for 1896, 1897, 1898, 1901, 1904, 1910, and annually since 1915, while data for the Potomac River shad fishery are available for 1896, 1901, 1904, 1909, 1915, from 1919 to 1942, inclusive, and annually since 1944. Statistics of the Potomac River alewife fishery are available for 1896, 1909, 1915, from 1919 to 1942, inclusive, and annually since 1944.

Pacific Halibut Fishery--Statistics on the Pacific halibut fishery are obtained primarily from the International Pacific Halibut Commission. Beginning with data for 1956 the fleet classification of halibut craft was revised and vessels were credited in operating unit tables to each district in which they landed fish; the only exception being that United States vessels landing at Prince Rupert, British Columbia, are credited to Southeastern Alaska. Duplication of halibut craft which operated in more than one district has been eliminated in regional and national totals. The catch by the halibut fleet is credited to the port of landing except that fish landed by United States halibut craft in British Columbia is credited to Southeastern Alaska. Halibut statistics are also included in the monthly and annual summaries published by the Seattle Market News Office. Statistics on the landings of halibut at Pacific Coast ports have been collected since 1925.

South Atlantic and Gulf of Mexico Shrimp Fishery--Detailed statistics on the quantity and value of shrimp, by variety and size, landed at South Atlantic and Gulf ports, have been collected for the Gulf area since 1956 and the South Atlantic since 1957. Since 1956, Bureau agents have also obtained daily information on the number of fishing trips, area and depth fished, and time spent in fishing by craft landing at United States ports in the Gulf of Mexico. The Branch of Market News, the Bureau's Branch of Marine Fisheries of the Division of Biological Research, and various fishery agencies of the southern states cooperate in the collection of these data.

Detailed monthly and annual summaries of the statistics on shrimp landings are published in bulletin form and are summarized in the annual statistical digests.

Hawaiian Fisheries--The volume and value, by species, of the catch landed monthly in the State of Hawaii is furnished the Bureau by the Department of Agriculture and Conservation, Division of Fish and Game, Honolulu, Hawaii. Although these data have been published in the Hawaiian section of the Digest since 1946, it was not until 1959 that operating unit, catch, and manufactured products data were assembled in the same manner as those for other states. This allowed them to be included in the national summary tables. The common and scientific names of the species of fish and shellfish landed in Hawaii are not included in Section 14 of this report.

Historical Fishery Statistics--The Bureau of Commercial Fisheries has in its files and in various Bureau reports or publications of other organizations a large volume of historical data on fisheries. Beginning with the 1951 Digest, a section entitled "Historical Fishery Statistics" which includes complete historical information on selected species has been carried. There is published each year a listing of the titles of the series of data appearing in earlier editions.

Menhaden Purse Seine and Shrimp and Fish Otter Trawl Fleets--Beginning with 1957, there has been published in Section 12 of these digests detailed summary data on the United States menhaden purse seine and fish and shrimp otter trawl fleets. Included is detailed information on the operating units engaged in these fisheries and a breakdown of fishing craft by area, state, and net tonnage. Prior to 1957, these data were not available since it was impossible to determine from regular operating unit tables the duplication between areas in fishermen and craft.

Canned Fishery Products and Byproducts--Beginning in 1921, the Bureau has made annual surveys for statistics of the canned fishery products and byproducts industries of every section. These are started the first week in January of each year for statistics on the production in the preceding year. So far as possible, the Bureau obtains by mail, for each domestic canned fishery products and byproducts plant, figures on its annual production. Where it is impossible to obtain the information by mail, the report is secured by a Bureau agent. Included in the data obtained are statistics on the yield and value of the canned products by type of commodity, can size, and area of production. Data on byproducts are obtained by commodity and area of production. The value shown for canned products and byproducts is in the gross amount received by the packer at the production point. No deductions are made for commissions or expenses.

Annual statistical bulletins are issued on this trade, and detailed statistics are published in the annual statistical digest. Prior to 1921, canned fish and byproducts data were not collected for the entire country. However, data on the production of these products were usually obtained for the areas in which general canvass surveys were conducted.

Fish Meal and Oil--Data are collected monthly on the domestic production of fish meal, body oil, fish solubles, and homogenized-condensed fish. This information is released monthly and annually in the Bureau's Current Fishery Statistics series of bulletins.

Packaged Fish Trade--Statistics on the annual production and value of fish packaged in the United States, exclusive of the states of Alaska and Hawaii, are obtained in conjunction with the canned fishery products and byproducts survey. These data are released annually in bulletin form and in the annual statistical digest. Statistics on the production of packaged fish are available for 1926 and annually since 1928, except that no data were collected in California for the years 1941 to 1946, inclusive.

Fish Sticks and Portions--Quarterly information is collected and published on the production and value of cooked and raw fish sticks and breaded, cooked, and raw fish portions, and unbreaded fish portions. The data are released in the Bureau's Current Fishery Statistics series of bulletins.

Cold-Storage Holdings of Fish--Information on the monthly freezings and holdings of fishery products is obtained from cold storage warehouses by mail and by Bureau employees. Data are also obtained on the holdings of certain cured fish. Bulletins showing these statistics are issued monthly and annually.

Detailed cold-storage statistics also are published in the Bureau's annual statistical digest. Information regarding cold-storage holdings of fishery products has been published since 1917 while data on the quantity of fish frozen have been released for the years from 1920 to 1925, inclusive, and annually since 1928.

Foreign Fishery Trade--Statistics on foreign fishery trade are obtained from compilations made by the Bureau of the Census, Department of Commerce. Statistics on all known imported or exported fishery products have been assembled and published annually since 1926 in the Bureau's statistical digest. For earlier years, figures are available in the reports of the Bureau of the Census, Bureau of Foreign and Domestic Commerce, the Bureau of Statistics, the Department of Commerce and Labor, or the Treasury Department.

PRACTICES AND TERMS

Certain practices and terms used in this report are explained below.

Operating Units--Operating units as referred to in this report include persons employed in the fisheries, and craft and gear engaged in the fisheries.

Vessel--The term "vessel" refers to a craft having a capacity of five net tons or over.

Boat--The term "boat" refers to a craft having a capacity of less than five net tons.

Days Absent--In computing "days absent" for vessels landing fares at certain Massachusetts ports, the day of arrival, but not the day of departure is included; thus, a vessel leaving port on the 8th of the month and returning on the 15th of the month will be credited with 7 days absence. Prior to 1944, "days absent" included both the day of departure and the day of arrival.

Days Fished--In computing "days fished" for fishing craft landing shrimp at Gulf of Mexico ports, the total number of hours spent in fishing effort has been divided by 24.

Fish--The term "fish" as used in this report includes all species belonging to the class Pisces.

Shellfish, etc.--A shellfish is an aquatic invertebrate animal having a shell, such as a mollusk or crustacean. However, in order to reduce the classifications appearing in the catch tables, all items not properly listed as "Fish" or "Whale Products" have been included under "Shellfish, etc." Accordingly, there is included under this classification turtles, frogs, sponges, seaweed, and worms.

Whale Products--Since data are not available on the poundage of whales taken, statistics appearing in catch tables on the yield of these mammals represent the weight of products produced such as meal, sperm oil, whale oil, etc. The values shown represent the amount received by the manufacturer for the products.

Incidental Catch--The term "incidental catch" refers to the catch of certain species by a type of gear which ordinarily does not capture such species.

Percentages--Percentages are usually shown as whole numbers. Fractions of percents are dropped if less than five-tenths, and the percentage is raised to the next higher integer if the fraction is greater than five-tenths. If the fraction is exactly five-tenths, odd integers are raised to the next even figure while even integers remain unchanged.

Converting--Many of the figures shown in the summary tables published herewith have been converted to thousands of pounds or thousands of dollars. In making these conversions the sum of the items in a table is raised or lowered to the nearest thousand in accordance with standard statistical procedures. The individual items are adjusted to conform to the total thus obtained.

Confidential Data--The statistical data collected by the Bureau are confidential, and unless specific authorization is given, are not released in a manner that would divulge private enterprise.

CONVERSION FACTORS

It is the policy of the Bureau to show detailed catch figures of all products in pounds for the sake of uniformity and for purposes of comparison. This represents little difficulty in the case of fish, since in very rare instances are fish reported in units of measure other than pounds. For shellfish, however, the units of measure may be bushels, sacks, barrels, numbers, gallons of meats, etc. These many units make standardization difficult, and when combined with the wide variation in the requirements or definitions of some of these units in the various states, the problem becomes even more complex.

All univalve and bivalve mollusks (except fresh-water mussel shells) are reported in pounds of meats in the detailed catch tables presented in this report. In addition, there are included supplementary tables for most of the sections, which give data on the production in bushels. These supplementary tables also give the production in number of certain other shellfish, such as crabs. There also is included in the General Review section of this report a table containing data on the shell weight of univalve and bivalve mollusks taken.

Oysters--Probably the greatest problem in the presentation of fishery statistics in uniform units of measure is in the case of oysters. Usually the production of oysters on the Atlantic and Gulf Coasts is reported to Bureau personnel in bushels. Prior to the data obtained for the year 1930, bushels were converted to pounds of meats on the basis of a uniform yield of 7 pounds of meats to the bushel. However, it was found that there was considerable variation in the yield of oysters per bushel particularly in southern states where the yield has ranged as low as half the conversion factor used prior to 1930. There follows a table which gives the measures used for oysters in the various states and the average yields per bushel. The statistical tables in this report are based on these average yields.

MEASURES AND YIELDS OF OYSTERS

STATE	CAPACITY OF STATE BUSHEL	VARIATION FROM U.S. STANDARD BUSHEL		YIELD OF MARKET OYSTERS 1959	
				STATE BUSHEL	U.S. STANDARD BUSHEL
	CUBIC INCHES	CUBIC INCHES	PERCENT	POUNDS OF MEATS	POUNDS OF MEATS
MAINE	2,150.4	-	-	7.50	7.50
MASSACHUSETTS	2,150.4	-	-	6.50	6.50
RHODE ISLAND	2,150.4	-	-	7.00	7.00
CONNECTICUT	2,150.4	-	-	7.70	7.70
NEW YORK	2,150.4	-	-	7.50	7.50
NEW JERSEY	2,257.3	+ 106.9	+ 5.0	6.81	6.49
DELAWARE	2,257.3	+ 106.9	+ 5.0	6.82	6.50
MARYLAND	2,800.7	+ 650.3	+ 30.2	6.12	4.70
VIRGINIA	3,003.9	+ 853.5	+ 39.7	5.73	4.10
NORTH CAROLINA	2,801.9	+ 651.5	+ 30.3	5.95	4.57
SOUTH CAROLINA	4,071.5	+ 1,921.1	+ 89.3	5.57	2.94
GEORGIA	5,343.9	+ 3,193.5	+ 148.5	8.87	3.57
FLORIDA, EAST COAST	3,214.1	+ 1,063.7	+ 49.5	6.32	4.23
FLORIDA, WEST COAST	3,214.1	+ 1,063.7	+ 49.5	6.50	4.35
ALABAMA	2,826.2	+ 675.8	+ 31.4	6.08	4.63
MISSISSIPPI	2,826.2	+ 675.8	+ 31.4	5.26	4.00
LOUISIANA	2,148.4	- 2.0	- 0.1	4.48	4.48
TEXAS	2,700.0	+ 549.6	+ 25.6	7.05	5.61

AVERAGE YIELDS OF CERTAIN MOLLUSKS

(POUNDS OF MEATS PER U.S. STANDARD BUSHEL)

STATE	CLAMS						PERIWINKLES AND COCKLES	SCALLOPS			MUSSELS, SEA	CONCHS
	HARD		OCEAN QUAHOG	SOFT	SURF	RAZOR		BAY	CALICO	SEA		
	PUBLIC	PRIVATE										
MAINE	11.00	-	-	15.00	-	-	18.00	-	-	6.00	15.00	-
MASSACHUSETTS	11.00	11.00	-	13.00	11.00	16.00	-	6.00	-	6.00	10.00	15.00
RHODE ISLAND	12.00	-	10.00	20.00	-	-	-	6.00	-	6.00	10.00	15.00
CONNECTICUT	12.00	-	-	-	-	-	-	6.20	-	-	-	20.00
NEW YORK	12.00	12.00	-	16.00	17.00	16.00	-	6.00	-	6.00	10.00	15.00
NEW JERSEY	10.00	10.00	-	12.00	17.00	-	-	5.00	-	6.00	-	20.00
DELAWARE	8.00	8.00	-	-	17.00	-	-	-	-	-	-	-
MARYLAND	8.00	8.00	-	12.00	17.00	-	-	-	-	-	-	20.00
VIRGINIA	8.00	8.00	-	12.00	-	-	-	-	-	6.00	-	20.00
NORTH CAROLINA	8.75	-	-	-	-	-	-	6.80	5.00	-	-	-
SOUTH CAROLINA	8.75	-	-	-	-	-	-	-	-	-	-	-
FLORIDA, EAST COAST	8.00	8.00	-	-	-	-	-	-	-	-	-	-
FLORIDA, WEST COAST	8.00	-	-	-	-	-	-	5.20	-	-	-	14.00

AVERAGE NUMBER OF CRABS PER POUND

STATE	BLUE		ROCK	STONE	HORSESHOE
	HARD	SOFT AND PEELER			
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
MAINE	-	-	3.00	-	-
NEW HAMPSHIRE	-	-	3.00	-	-
MASSACHUSETTS	-	-	4.00	-	-
RHODE ISLAND	-	-	3.00	-	-
CONNECTICUT	2.40	-	-	-	-
NEW YORK	2.40	-	-	-	-
NEW JERSEY	2.00	2.50	3.00	-	4.00
DELAWARE	2.40	-	-	-	-
MARYLAND	2.50	4.00	-	-	-
VIRGINIA	2.99	5.96	-	-	-
NORTH CAROLINA	3.00	3.00	-	-	-
SOUTH CAROLINA	2.40	-	-	-	-
GEORGIA	2.00	-	-	-	-
FLORIDA, EAST COAST	2.00	-	-	1.00	-
FLORIDA, WEST COAST	2.00	4.00	-	1.00	-
ALABAMA	2.05	-	-	-	-
MISSISSIPPI	2.18	2.92	-	-	-
LOUISIANA	2.00	3.00	-	-	-
TEXAS	1.96	-	-	-	-

SECTION 14 - GLOSSARY

In order to prevent misunderstanding in the use of common names employed in the tables and discussions, the following list of common and scientific names is given for fish, shellfish, and other aquatic products taken by United States fishermen.

Common names as shown in Bureau reports	Other common names	Scientific names
FISH		
Alewives	Branch herring, big-eyed herring, river herring	*Pomolobus pseudoharengus*
	Blueback, glut herring, shad herring	*Pomolobus aestivalis*
Amberjack	Jack	*Seriola* species
Anchovies		*Engraulis mordax* (Pacific)
Angelfish		*Pomacanthus* species *Angelichthys* species
Anglerfish	Goosefish, allmouth, headfish, monkfish, bellyfish	*Lophius piscatorius*
Ballyhoo	Balao	*Hemiramphus brasiliensis*
Barracuda		*Sphyraena* species
Bluefish	Tailor, skipjack	*Pomatomus saltatrix*
Blue pike	Pike perch, hard pike, blue pickerel (Canada)	*Stizostedion vitreum glaucum*
Blue runner	Runner, hardtail, crevalle	*Caranx crysos*
Bonito		*Sarda sarda* (Atlantic) *Sarda lineolata* (Pacific)
Bowfin	Fresh-water dogfish, grindle	*Amia calva*
Brown trout		*Salmo trutta*
Buffalofish	Winter carp	*Ictiobus* species
Burbot	Lawyer, ling	*Lota lota lacustris* or *Lota lacustris*
Butterfish		*Poronotus triacanthus*
Cabezone	Marbled sculpin	*Scorpaenichthys marmoratus*
Cabio	Black bonito, cobia, ling, lemonfish	*Rachycentron canadus*
Cabrilla	Rock bass	*Epinephelus analogus* (Pacific)
Carp	German carp, summer carp	*Cyprinus carpio*
Catfish and bullheads		*Ictalurus* species *Pylodictis olivaris*
Chubs	Longjaw, bluefin, blackfin (United States), tullibee (Canada)	All *Leucichthys* except *artedi* (Great Lakes)
Cigarfish	Scad	*Decapterus punctatus*
Cisco	Herring (Canada)	*Leucichthys artedi* (Lake Erie only)
Cod	Codfish	*Gadus morhua* (Atlantic) *Gadus macrocephalus* (Pacific)
Crappie	White crappie, calico bass	*Pomoxis annularis*
	Black crappie	*Pomoxis nigromaculatus*
Crevalle	Common jack, jackfish	*Caranx hippos*
Croaker	Crocus, hardhead	*Micropogon undulatus*
Cunner	Chogset, blue perch, bergall	*Tautogolabrus adspersus*
Cutlassfish	Silver eel	*Trichiurus lepturus*
Cusk		*Brosme brosme*
Dolly Varden trout	Salmon trout, bull trout	*Salvelinus malma*
Dolphin		*Corphaena hippurus*
Drum:		
Black	Oyster cracker, oyster drum, sea drum	*Pogonias cromis*
Red	Channel bass, redfish, spotted bass	*Sciaenops ocellata*

(Continued on next page)

GLOSSARY

Common names as shown in Bureau reports	Other common names	Scientific names
FISH - Continued		
Eel:		
Common		*Anguilla rostrata*
Conger		*Conger oceanicus*
Flounders:		
Atlantic and Gulf Coasts:		
Gray sole		*Glyptocephalus cynoglossus*
Lemon sole	(weighing over 2-1/2 pounds each)	*Pseudopleuronectes americanus*
Blackback	Winter flounder (weighing under 2-1/2 pounds each)	
Yellowtail	Dab	*Limanda ferruginea*
Dab	Sea dab	*Hippoglossoides platessoides*
Fluke	Summer flounder, gulf flounder, flounder	*Paralichthys* species
Pacific Coast:		
Arrowtooth halibut		*Atheresthes stomias*
California halibut		*Paralichthys californicus*
Sand dabs		*Citharichthys sordidus*
"Sole":		
Dover		*Microstomus pacificus*
English		*Parophrys vetulus*
Petrale		*Eopsetta jordani*
Rex		*Glyptocephalus zachirus*
Sand		*Psettichthys melanostictus*
Unclassified		Pleuronectidae and Bothidae
Flying fish		*Cypselurus* species
Garfish	Gar, sea gar	*Lepisosteus* species
Gizzard shad	Nanny shad, mud shad, winter shad	*Dorosoma cepedianum*
Goldfish	Sand perch, gold perch	*Carassius auratus*
Groupers	"Sea bass"	*Epinephelus* species *Mycteroperca* species
Grunts	Margate fish, sailors' choice	*Haemulon* species
Haddock		*Melanogrammus aeglefinus*
Hake:		
Red	Squirrel hake, ling, black hake, mud hake	*Urophycis chuss* (Atlantic)
White	Hake	*Urophycis tenuis* (Atlantic)
Pacific	Merluccio	*Merluccius productus* (Pacific)
Halfmoon	Rudder fish	*Medialuna californiensis*
Halibut		*Hippoglossus hippoglossus* (Atlantic) *Hippoglossus stenolepis* (Pacific)
Hardhead	Sacramento rockfish	*Orthodon microlepidotus* (Pacific)
Harvestfish	Starfish, dollarfish, pappyfish, butterfish (N.C.)	*Peprilus paru*
Herring:		
Lake	Herring	*Leucichthys artedi* (Great Lakes except Erie)
Sea		*Clupea harengus* (Atlantic) *Clupea pallasii* (Pacific)
Thread		*Opisthonema oglinum*

(Continued on next page)

GLOSSARY

Common names as shown in Bureau reports	Other common names	Scientific names
FISH - Continued		
Hickory shad	Tailor shad, skip, autumnal herring	*Pomolobus mediocris*
Hogchoker		*Trinectes maculatus*
Hogfish	Capitaine, perro perro	*Lachnolaimus maximus*
Jack mackerel	Horse mackerel	*Trachurus symmetricus*
Jewfish		*Promicrops itaiara*
King croaker	Kingfish, white croaker	*Genyonemus lineatus*
King mackerel	Cero, kingfish	*Scomberomorus cavalla* *Scomberomorus regalis*
King whiting or "Kingfish".	Whiting, sea mink, ground mullet	*Menticirrhus* species
Lake trout		*Salvelinus namaycush*
Lamprey		*Petromyzon marinus* (Atlantic) *Entosphenus tridentatus* (Pacific)
Launce	Sand eel, lant, sand launce	*Ammodytes tobianus*
Lingcod	Cultus cod, blue cod, buffalo cod, ling	*Ophiodon elongatus*
Boston mackerel		*Scomber scombrus* (Atlantic)
Pacific mackerel		*Pneumatophorus diego* (Pacific)
Menhaden	Mossbunker, pogy, fatback	*Brevoortia* species
Minnows		Cyprinidae
Mojarra	Sand perch, sand bream	Gerridae
Mooneye	Goldeye, toothed herring	*Hiodon* species
Mullet	Jumping mullet, striped mullet, silver mullet	*Mugil* species
Muttonfish	Mutton snapper	*Lutjanus analis*
Ocean perch:		
Atlantic	Rosefish, redfish, red perch	*Sebastes marinus*
Pacific		*Sebastodes alutus*
Ocean pout	Eelpout, sea pout	*Macrozoarces americanus*
Opaleye		*Girella nigricans*
Paddlefish	Spoonbill cat	*Polyodon spathula*
Perch	Surffish	Embiotocidae (Pacific)
Permit		*Trachinotus goodei*
Pigfish	Hogfish (N.C.)	*Orthopristis chrysopterus*
Pike or pickerel	Great Lakes pike	*Esox* species
Pinfish	Bream, salt-water bream	*Lagodon rhomboides*
Pollock	Boston bluefish	*Pollachius virens* (Atlantic)
Pompano		*Trachinotus* species (Atlantic) *Palometa simillima* (Pacific)
Quillback	Spearfish or skimfish	*Carpiodes* species
Ratfish		*Hydrolagus colliei*
Rock Bass	Redeye, goggle-eye, groupers, sand bass	*Ambloplites rupestris* (fresh-water) *Paralabrax nebulifer* (Pacific)
Rockfishes	Rock cod, snapper	*Sebastodes* species (Pacific)
Sablefish	Black Cod	*Anoplopoma fimbria*
Salmon:		
Atlantic		*Salmo salar* (Atlantic)
Pacific:		
Chinook or king	Tyee, spring	*Oncorhynchus tshawytscha*
Chum or keta	Fall, dog	*Oncorhynchus keta*
Pink	Humpback	*Oncorhynchus gorbuscha*
Red or sockeye	Blueback	*Oncorhynchus nerka*
Silver or coho		*Oncorhynchus kisutch*

(Continued on next page)

GLOSSARY

Common names as shown in Bureau reports	Other common names	Scientific names
FISH - Continued		
Sand perch	Yellowtail, silver perch	*Bairdiella chrysura*
Sardine (Pacific)	Pilchard	*Sardinops caerulea* (Pacific)
Sauger	Sand pike	*Stizostedion canadense*
Saury	Mackerel-pike	*Cololabis saira*
Sawfish		*Pristis pectinatus*
Sculpin	Scorpionfish	*Myoxocephalus* species
Scup or porgy	Porgee, paugy, fair maid	*Calamus and Stenotomus* species
Sea bass:		
Black	Black jewfish (Pacific)	*Stereolepis gigas*
	Blackfish (Atlantic)	*Centropristes striatus*
White		*Cynoscion nobilis* (Pacific)
Sea catfish	Gafftopsail	*Bagre marinus*
Sea robin		*Prionotus* species
Sea trout or weakfish:		
Gray	Gray trout, squeteague	*Cynoscion regalis*
Spotted	Spotted trout, speckled trout	*Cynoscion nebulosus*
White	White trout, sand trout	*Cynoscion arenarius*
Shad	American shad, white shad	*Alosa sapidissima*
Sharks:		
Grayfish	Dogfish, spiny and smooth dog	*Squalus* and *Mustelus* species
Soupfin		*Galeorhinus zyopterus*
Other		*Carcharodon, Carcharias, Sphryna,* and *Lamna* species
Sheepshead:		
Fresh-water	Fresh-water drum, gaspergou, gou	*Aplodinotus grunniens*
Salt-water		*Archosargus* species (Atlantic)
	California redfish, fathead	*Pimelometopon pulcher* (Pacific)
Sierra		*Scomberomorus sierra* (Pacific)
Silversides	Spearing	*Menidia* species
Skates	Ray, rajafish	*Raja* species
Smelt		*Osmerus mordax* (Atlantic and Great Lakes), Atherinidae and Osmeridae (Pacific)
	Eulachon	*Thaleichthys pacificus*
Snapper:		
Mangrove	Gray snapper	*Lutjanus griseus*
Red		*Lutjanus blackfordii*
Vermilion		*Rhomboplites* species
White		*Lutjanus griseus*
Yellowtail		*Ocyurus chrysurus*
Snook	Robalo, sergeantfish, pike	*Centropomus undecimalis*
Spadefish	Angelfish	*Chaetodipterus faber*
Spanish mackerel	Mackerel	*Scomberomorus maculatus*
Spanish sardine		*Sardinella anchovia*
Splittail		*Pogonichthys macrolepidotus*
Spot	Lafayette, goody	*Leiostomus xanthurus*
Steelhead trout	Salmon trout	*Salmo gairdnerii*

(Continued on next page)

Common names as shown in Bureau reports	Other common names	Scientific names
FISH - Continued		
Striped bass	Rockfish, rock	*Roccus saxatilis*
Sturgeon:		
Common		*Acipenser* species
Shovelnose		*Scaphirhynchus platorynchus*
Suckers	Fresh-water mullet, redfin, bayfish	*Catostomus* species
Sunfish	Bream, perch, bluegill	*Lepomis* species
Swellfish	Puffer, swell toad, globefish, blowfish	*Sphoeroides maculatus*
Swordfish		*Xiphias gladius*
Tautog	Blackfish, oysterfish	*Tautoga onitis*
Tenpounder	Big-eyed herring, ladyfish	*Elops saurus*
Thimble-eyed mackerel	Chub mackerel, bullseye mackerel	*Pneumatophorus colias*
Tilefish		*Lopholatilus chamaeleonticeps*
Tomcod	Frost fish	*Microgadus tomcod* (Atlantic) *Microgadus proximus* (Pacific)
Triggerfish		*Balistes* species
Tripletail	Sunfish (N.C.), blackfish	*Lobotes surinamensis*
Tullibee	(See chubs)	
Tuna:		
Albacore	Longfin tuna	*Germo alalunga*
Bluefin	Horse mackerel	*Thunnus thynnus*
Little	Bonito, albacore, false albacore	*Euthynnus alletteratus*
Skipjack	Striped tuna	*Katsuwonus pelamis*
Yellowfin		*Neothunnus macropterus*
Turbot		Pleuronectidae (Pacific)
Wahoo		*Acanthocybium solandri*
Warsaw	Black Jewfish	*Garrupa nigrita*
Whitebait	Silversides	*Menidia beryllina* (Atlantic) Small fry of several species (Pacific)
White bass	White lake bass	*Roccus chrysops*
Whitefish:		
Common		*Coregonus clupeaformis*
Menominee		*Prosopium quadrilaterale*
White perch		*Morone americana*
Whiting	Silver hake	*Merluccius bilinearis*
Wolffish	Ocean catfish (New England)	*Anarhichas lupus*
Yellow bass	Bar fish	*Roccus interrupta*
Yellow perch	Ringed perch, perch	*Perca flavescens*
Yellow pike	Wall-eyed pike, pike perch, dore (Canadian).	*Stizostedion vitreum vitreum*
Yellowtail	(For Atlantic, see snapper, yellowtail)	*Seriola dorsalis* (Pacific)
CRUSTACEANS		
Crabs:		
Blue:		
Hard	Hard-shell crab	*Callinectes sapidus*
Soft and peeler	Soft-shell crab	
Dungeness		*Cancer magister*
King	Alaska king crab	*Paralithodes camschatica*

(Continued on next page)

GLOSSARY

Common names as shown in Bureau reports	Other common names	Scientific names
CRUSTACEANS - Continued		
Crabs: - Continued		
Rock		*Cancer irroratus* (New England) *Cancer* species (California)
Stone		*Menippe mercenaria*
Crawfish:		
Fresh-water	Crayfish	*Cambarus* species (Atlantic) *Astacus* species (Pacific)
Salt-water	(See lobster, spiny)	
Horseshoe crab	King crab	*Limulus* species
Lobsters:		
Northern		*Homarus americanus* (Atlantic)
Spiny	Sea crawfish, rock lobster	*Panulirus argus* (Atlantic) *Panulirus interruptus* (Pacific)
Shrimp	Prawn	*Penaeus*, *Pandalus*, and *Xiphopenaeus* (Atlantic), *Pandalus*, *Pandalopsis*, and *Crangon* species (Pacific)
MOLLUSKS		
Abalone		*Haliotis* species
Clams:		
Cockle		*Cardium corbis* (Pacific)
Hard	Butter Little neck Round clam, cherrystone, quahog, little neck	*Saxidomus nuttalli* (Pacific) *Protothaca staminea* (Pacific) *Venus mercenaria*, *Mercenaria mercenaria*
Ocean quahog		*Arctica islandica*
Razor		*Ensis* species (Atlantic) *Siliqua patula* (Pacific)
Soft	Soft-shell clam, sand clam, nannynose, maninose	*Mya arenaria*
Surf	Skimmer	*Spisula solidissima*
Conchs		*Strombus* species *Busycon* species
Mussels:		
Sea		*Mytilus californianus* (Pacific) *Mytilus edulis* (Atlantic)
Fresh-water:		
Mussel shells		Unionidae
Pearls and slugs		
Octopus	Devilfish	*Paroctopus appollyon*
Oysters:		
Eastern	Cove	*Crassostrea virginica*
Pacific	Japanese	*Crassostrea gigas*
Western	Olympia, native	*Ostrea lurida*
Periwinkles or cockles		*Littorina* species
Scallops:		
Bay		*Pecten* species (Atlantic) *Pecten caurinus* (Pacific)
Sea		*Placopecten magellanicus*

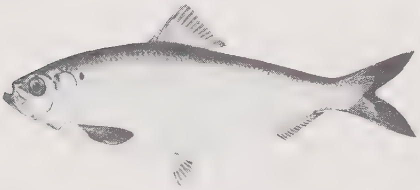
(Continued on next page)

Common names as shown in Bureau reports	Other Common names	Scientific names
MOLLUSKS - Continued		
Squid	Inkfish, bone squid, taw taw	*Loligo opalescens* (Pacific) *Loligo pealii* (Atlantic)
OTHER		
Sea urchins	Sea eggs	*Strongylocentrotus drobachiensis*
Terrapin	Diamond-back terrapin	*Malaclemys* species
Turtles:		
Baby		(Young of fresh-water species)
Green		*Chelonia mydas*
Loggerhead		*Caretta* species
Sliders		*Pseudemys* species
Snapper	Hard-shell, alligator turtle	*Chelydra serpentina* *Macrochelys temmickii*
Soft-shell		*Amyda* species
Frogs		*Rana* species
Irish moss		*Chondrus crispus*
Kelp		*Macrocystis* species
Sponges:		
Glove		*Hippiospongia conaliculata*
Grass		*Spongia graminea*
Sheepswool	Wool	*Hippiospongia lachne*
Yellow		*Spongia barbara*
Whales:		
Bottlenose		*Hyperoodon ampullatus*
Fin		*Bulbenoptera physalus*
Humpback		*Megaptera* species
Sei		*Balaenoptera borealis*
Sperm		*Physeter catodon*
Bloodworms		Glyceridae
Sandworms		*Nereis* species

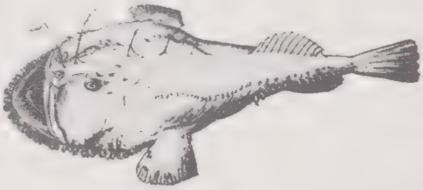
SECTION 15 - PICTORIAL SECTION

As many of the readers of this publication may not be familiar with all of the species of fish and shellfish, etc., taken commercially in the United States, illustrations of many of the various species are included in the following pages. The descriptive material appearing with each species includes the areas in which commercial landings are made in the United States and does not constitute the extreme limits in which they occur. Similarly, the gear listed for each species do not represent the only types of apparatus by which these species are obtained, but represent those types which are normally used in their capture. The gear do not necessarily appear in the order of their importance. Illustrations of species landed in Hawaii are not included in this section.

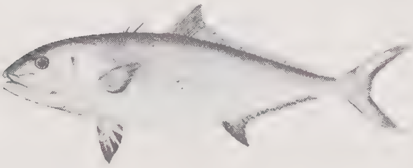
For more detailed information on the nomenclature of the fishery products listed below, the reader is referred to Section 14 of this publication entitled, "Glossary."



ALEWIFE
RANGE - FLORIDA TO NEW ENGLAND
GEAR - POUND NETS, GILL NETS, WEIRS,
DIP NETS, HAUL SEINES, FLOATING TRAPS,
FYKE NETS

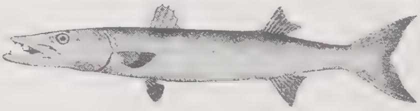


ANGLERFISH
RANGE - NEW JERSEY TO MASSACHUSETTS
GEAR - OTTER TRAWLS, POUND NETS

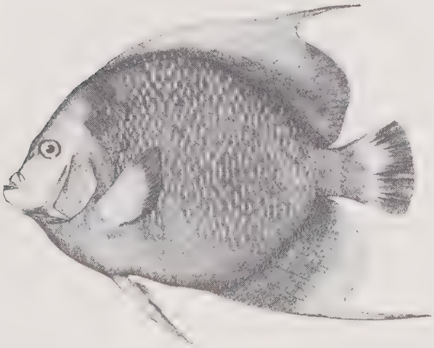


AMBERJACK
RANGE - FLORIDA
GEAR - HAND LINES, TROLL LINES

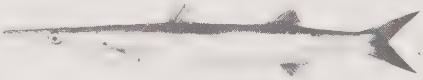
ANCHOVY
RANGE - CALIFORNIA TO WASHINGTON
GEAR - PURSE SEINES AND HAUL SEINES



BARRACUDA (ATLANTIC)
RANGE - FLORIDA
GEAR - TROLL LINES, HAND LINES

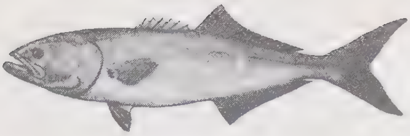


ANGELFISH
RANGE - FLORIDA
GEAR - HAUL SEINES

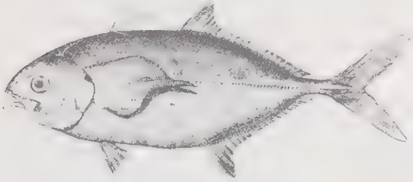


BARRACUDA (PACIFIC)
RANGE - CALIFORNIA
GEAR - PURSE SEINES, SET LINES, HAND LINES,
TROLL LINES, GILL AND TRAMMEL NETS

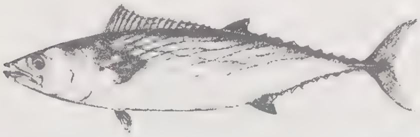
PICTORIAL SECTION



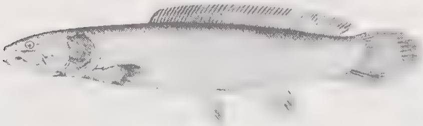
BLUEFISH
RANGE - GULF OF MEXICO TO NEW ENGLAND
GEAR - HAUL SEINES, GILL NETS, POUND NETS, TROLL LINES, PURSE SEINES



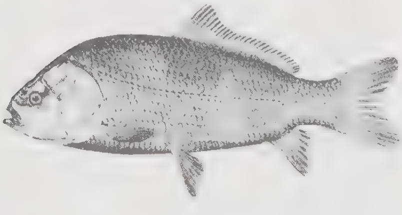
BLUE RUNNER OR HARDTAIL
RANGE - GULF OF MEXICO
GEAR - HAUL SEINES, GILL NETS, POTS



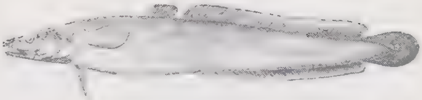
BONITO (ATLANTIC)
RANGE - NORTH CAROLINA TO MASSACHUSETTS
GEAR - POUND NETS, TROLL LINES, GILL NETS



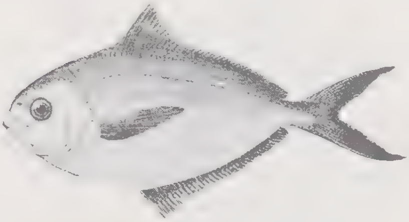
BOWFIN
RANGE - FRESH-WATER
GEAR - HAUL SEINES, TRAP NETS, FYKE NETS



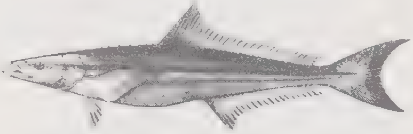
BUFFALOFISH
RANGE - FRESH-WATER
GEAR - HAUL SEINES, FYKE NETS, TRAMMEL NETS, TROT LINES



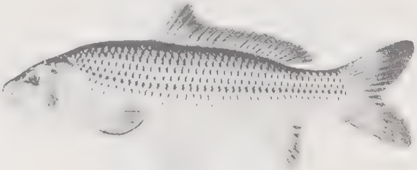
BURBOT
RANGE - GREAT LAKES
GEAR - GILL NETS, FYKE NETS, POUND NETS, TRAP NETS



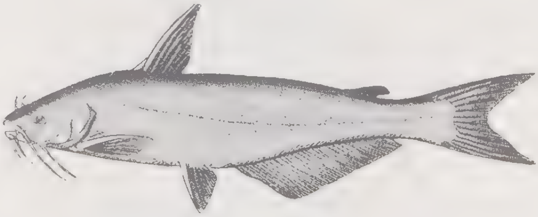
BUTTERFISH
RANGE - FLORIDA TO NEW ENGLAND
GEAR - POUND NETS, HAUL SEINES, OTTER TRAWLS



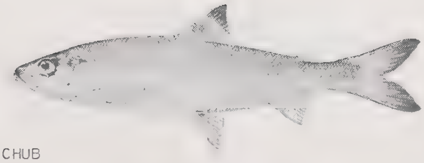
CABIO
RANGE - FLORIDA TO VIRGINIA
GEAR - HAND LINES, POUND NETS



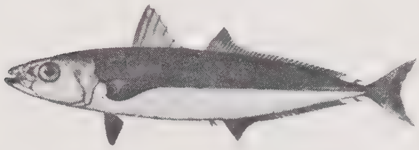
CARP
RANGE - FRESH-WATER
GEAR - HAUL SEINES, GILL NETS, TRAP NETS, FYKE NETS, POUND NETS, TROT LINES



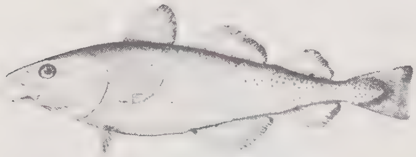
CATFISH
RANGE - FRESH-WATER
GEAR - HAUL SEINES, TROT LINES, POUND NETS, POTS, FYKE NETS



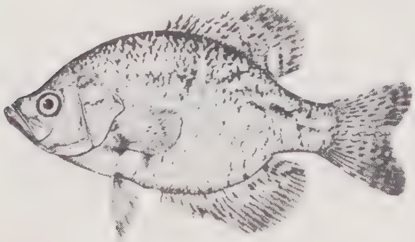
CHUB
RANGE - GREAT LAKES
GEAR - GILL NETS



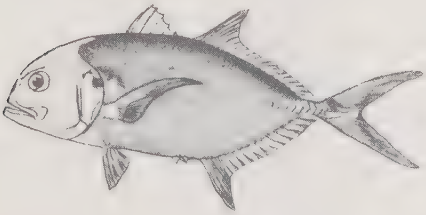
CIGARFISH
RANGE - FLORIDA
GEAR - HAUL SEINES



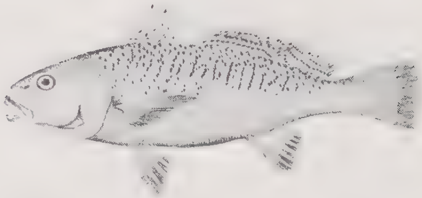
COD
RANGE - VIRGINIA TO MAINE, WASHINGTON, AND ALASKA
GEAR - OTTER TRAWLS, TRAWL LINES, GILL NETS



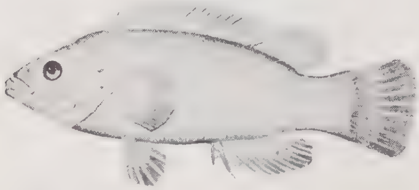
CRAPPIE
RANGE - FRESH-WATER LAKES
GEAR - HAUL SEINES, LINES, POTS



CREVALLE
RANGE - SOUTH ATLANTIC AND GULF STATES
GEAR - HAUL SEINES, GILL NETS, LINES

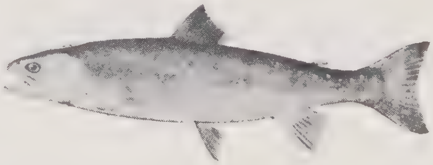


CROAKER
RANGE - GULF OF MEXICO TO NEW YORK
GEAR - POUND NETS, OTTER TRAWLS, HAUL SEINES, GILL NETS

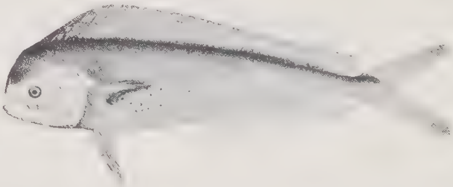


CUNNER
RANGE - NEW ENGLAND
GEAR - OTTER TRAWLS, HAND LINES

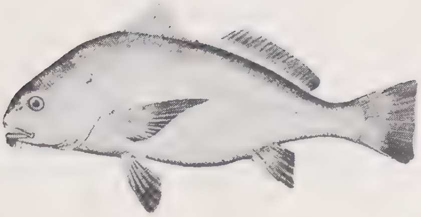
CUSK
RANGE - NEW ENGLAND
GEAR - OTTER TRAWLS, TRAWL LINES



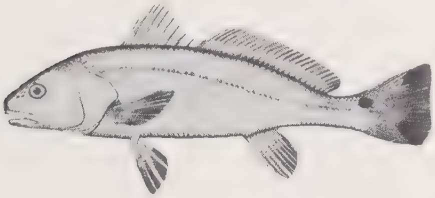
DOLLY VARDEN TROUT
RANGE - PACIFIC
GEAR - POUND NETS, GILL NETS, LINES



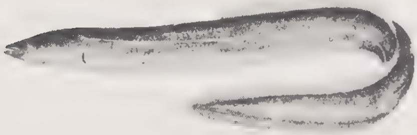
DOLPHIN
RANGE - FLORIDA TO NORTH CAROLINA
GEAR - TROLL LINES



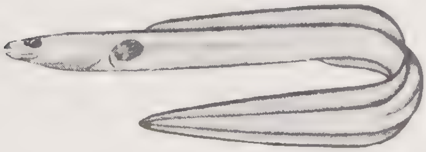
DRUM, BLACK
RANGE - TEXAS TO NORTH CAROLINA
GEAR - HAUL SEINES, POUND NETS, LINES



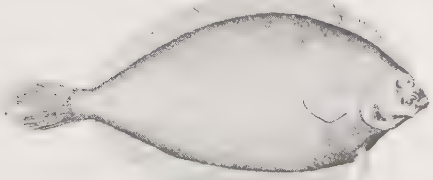
DRUM, RED
RANGE - TEXAS - MARYLAND
GEAR - POUND NETS, HAUL SEINES, GILL NETS, LINES



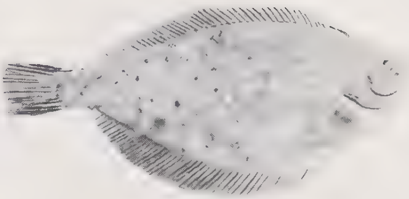
EEL, COMMON
RANGE - FLORIDA TO NEW ENGLAND AND IN MISSISSIPPI RIVER, LAKE ONTARIO
GEAR - POTS, SPEARS, POUND NETS



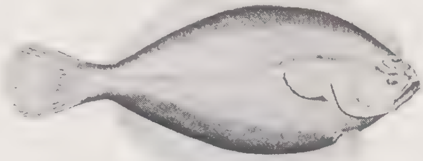
EEL, CONGER
RANGE - FLORIDA TO NEW ENGLAND
GEAR - OTTER TRAWLS



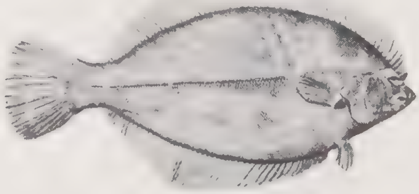
GRAY SOLE
RANGE - MASSACHUSETTS TO MAINE
GEAR - OTTER TRAWLS



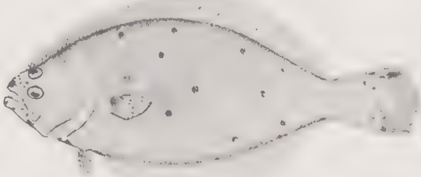
LEMON SOLE
RANGE - NEW YORK TO MAINE
GEAR - OTTER TRAWLS



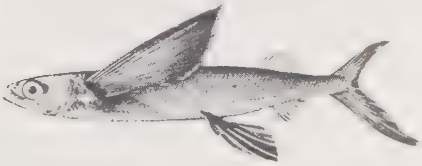
DAB
RANGE - MASSACHUSETTS TO NOVA SCOTIA
GEAR - OTTER TRAWLS, TRAWL LINES



BLACKBACK OR WINTER FLOUNDER
RANGE - NORTH CAROLINA TO MAINE
GEAR - OTTER TRAWLS, POUND NETS, FYKE NETS, SPEARS, LINES

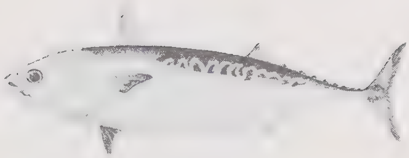


FLUKE
RANGE - TEXAS TO MASSACHUSETTS
GEAR - OTTER TRAWL, SPEARS, LINES

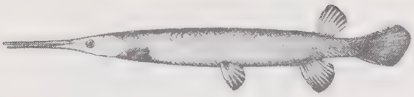


FLYING FISH
RANGE - PACIFIC AND ATLANTIC OCEANS
GEAR - GILL NETS

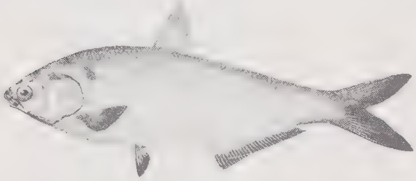
PICTORIAL SECTION



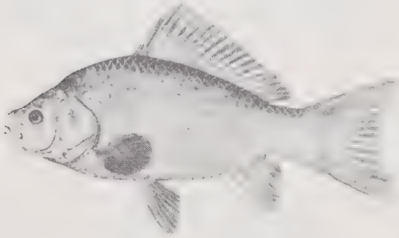
FRIGATE MACKEREL
RANGE - MIDDLE ATLANTIC
GEAR - POUND NETS



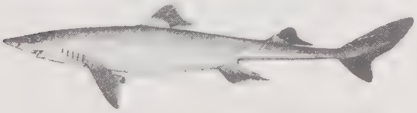
GARFISH
RANGE - FRESH-WATER
GEAR - HAUL SEINES, LINES



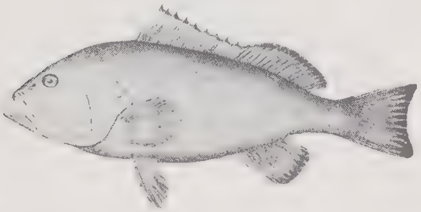
GIZZARD SHAD
RANGE - NORTH CAROLINA TO MARYLAND,
GREAT LAKES
GEAR - HAUL SEINES, POUND NETS, GILL NETS



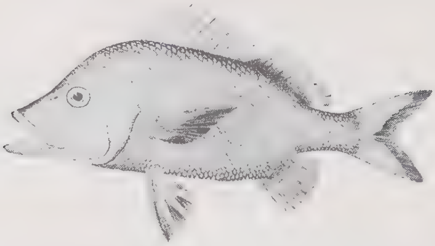
GOLDFISH
RANGE - LAKES AND RIVERS
GEAR - HAUL SEINES, TRAP NETS, FYKE NETS



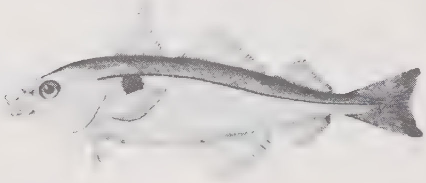
GRAYFISH
RANGE - PACIFIC
GEAR - TRAWL LINES, OTTER TRAWLS, GILL NETS



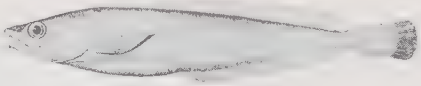
GROUPER
RANGE - TEXAS TO SOUTH CAROLINA
GEAR - HAND LINES, POTS



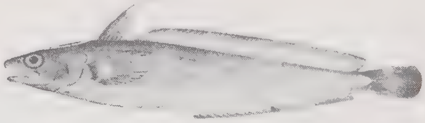
GRUNT
RANGE - FLORIDA
GEAR - POTS, GILL NETS, LINES



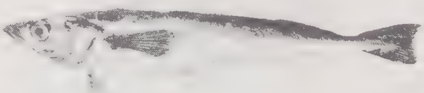
HADDOCK
RANGE - NEW ENGLAND STATES
GEAR - OTTER TRAWLS, GILL NETS, TRAWL LINES



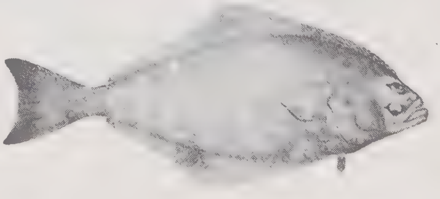
HAKE, RED
RANGE - CHESAPEAKE BAY TO NEW ENGLAND
GEAR - GILL NETS, OTTER TRAWLS, TRAWL LINES



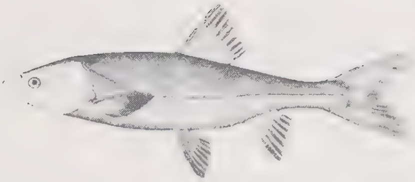
HAKE, WHITE
RANGE - CHESAPEAKE BAY TO NEW ENGLAND
GEAR - GILL NETS, OTTER TRAWLS, TRAWL LINES



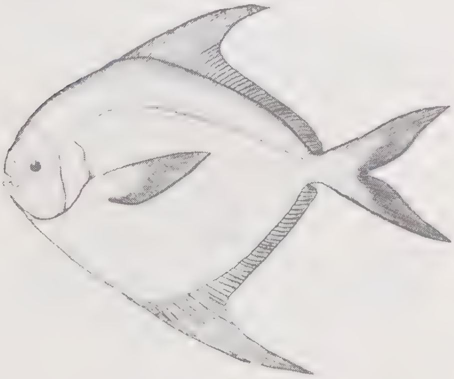
HAKE (PACIFIC)
RANGE - PACIFIC
GEAR - OTTER TRAWLS



HALIBUT
RANGE - PACIFIC COAST - NEW ENGLAND
GEAR - TRAWL LINES, OTTER TRAWLS



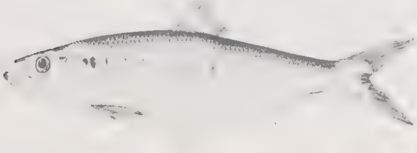
HARDHEAD
RANGE - CALIFORNIA
GEAR - FYKE NETS



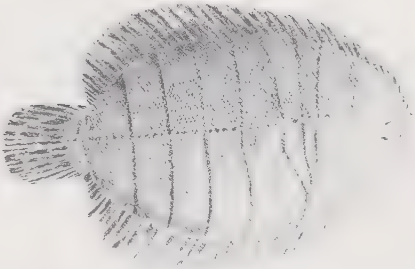
HARVESTFISH OR "STARFISH"
RANGE - NORTH CAROLINA TO CHESAPEAKE BAY
GEAR - HAUL SEINES, POUND NETS

HERRING, LAKE
RANGE - GREAT LAKES
GEAR - GILL NETS, HAUL SEINES, POUND NETS, TRAP NETS

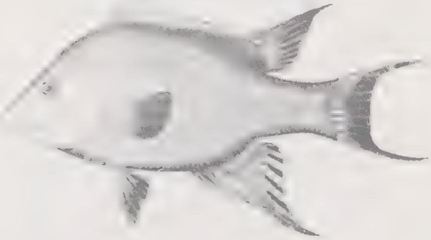
HERRING, SEA
RANGE - NEW JERSEY TO NEW ENGLAND, PACIFIC COAST STATES AND ALASKA
GEAR - PURSE SEINES, WEIRS, FLOATING TRAPS, STOP SEINES



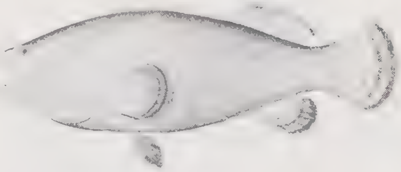
HICKORY SHAD
RANGE - FLORIDA TO RHODE ISLAND
GEAR - POUND NETS, HAUL SEINES, GILL NETS FLOATING TRAPS



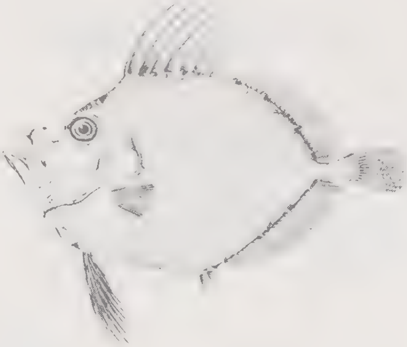
HOGCHOKER
RANGE - CHESAPEAKE BAY
GEAR - POUND NETS, HAUL SEINES



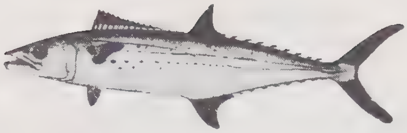
HOGFISH
RANGE - FLORIDA
GEAR - LINES



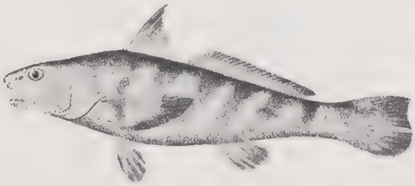
JEWFISH
RANGE - FLORIDA
GEAR - HAND LINES



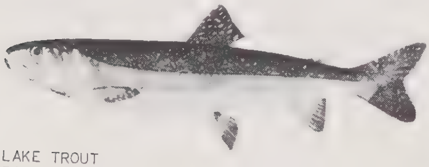
JOHN DORY
RANGE - MIDDLE ATLANTIC STATES
GEAR - OTTER TRAWLS



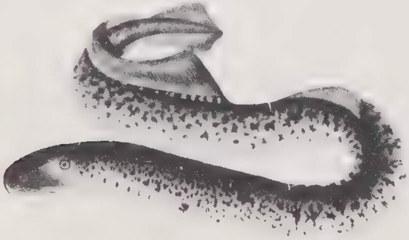
KING MACKEREL
RANGE - TEXAS TO NEW YORK
GEAR - TROLL LINES, GILL NETS, HAND LINES



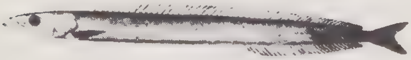
KING WHITING
RANGE - TEXAS TO MASSACHUSETTS
GEAR - OTTER TRAWLS, HAUL SEINES, POUND NETS



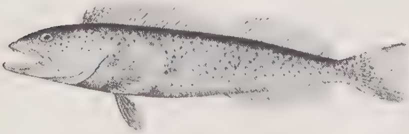
LAKE TROUT
RANGE - GREAT LAKES
GEAR - GILL NETS, LINES, POUND NETS (TRAP NETS)



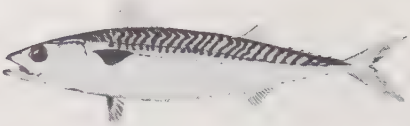
LAMPREY
RANGE - FRESH-WATER
GEAR - POTS, FYKE NETS



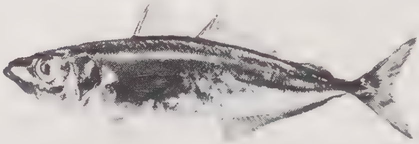
LAUNCE
RANGE - NEW ENGLAND
GEAR - HAUL SEINES



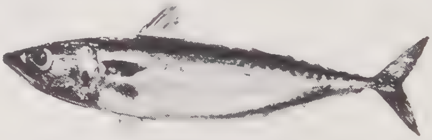
LINGCOD
RANGE - CALIFORNIA TO ALASKA
GEAR - OTTER TRAWLS, TRAWL LINES, SET LINES, HAND LINES



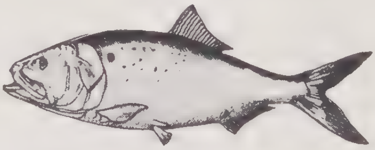
MACKEREL, ATLANTIC
RANGE - CHESAPEAKE BAY TO MAINE
GEAR - PURSE SEINES, GILL NETS, POUND NETS, FLOATING TRAPS



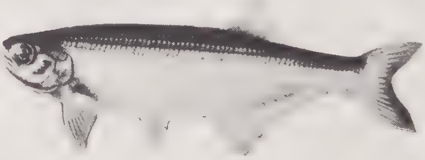
MACKEREL, JACK
RANGE - CALIFORNIA
GEAR - LINES, SEINES, LAMPARA NETS



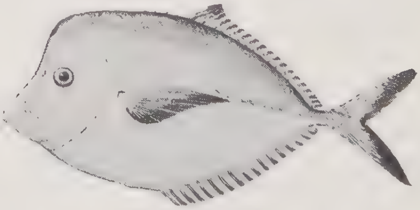
MACKEREL, PACIFIC
RANGE - CALIFORNIA
GEAR - LINES, SEINES, LAMPARA NETS



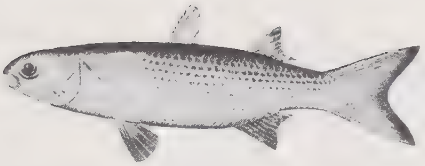
MENHADEN
RANGE - GULF OF MEXICO TO NEW ENGLAND
GEAR - PURSE SEINES, POUND NETS



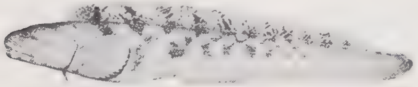
MOONEYE
RANGE - GREAT LAKES
GEAR - HAUL SEINES



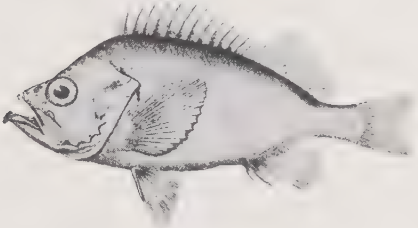
MOONFISH
RANGE - FLORIDA
GEAR - HAND LINES, HAUL SEINES



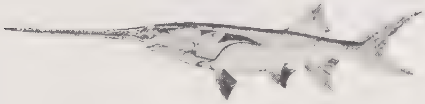
MULLET
RANGE - TEXAS TO NEW JERSEY
GEAR - GILL NETS, HAUL SEINES, POUND NETS,
CAST NETS



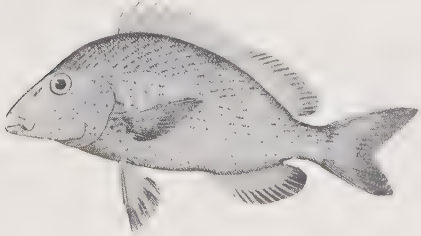
OCEAN POUT
RANGE - NEW ENGLAND
GEAR - OTTER TRAWLS



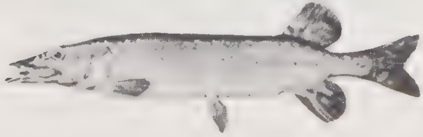
OCEAN PERCH
RANGE - NEW ENGLAND
GEAR - OTTER TRAWLS



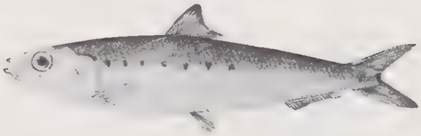
PADDLEFISH
RANGE - GULF OF MEXICO, MISSISSIPPI RIVER
GEAR - HAUL SEINES, TROT LINES



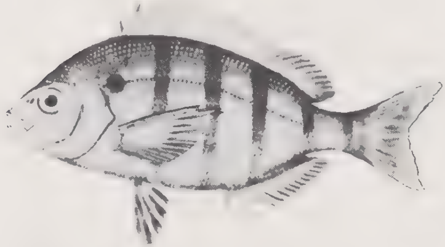
PIGFISH
RANGE - FLORIDA
GEAR - POTS, HAND LINES, GILL NETS



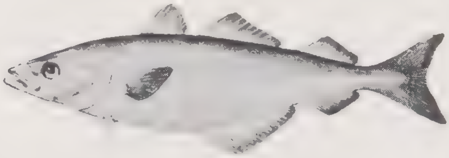
PIKE OR PICKEREL
RANGE - FRESH-WATER
GEAR - TRAP NETS, FYKE NETS, GILL NETS,
POUND NETS, HAND LINES



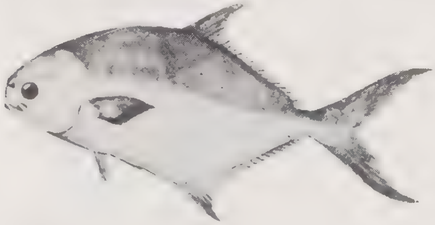
SARDINE, PACIFIC (PILCHARD)
RANGE - CALIFORNIA TO WASHINGTON
GEAR - PURSE SEINES, LAMPARA AND RING NETS,
GILL NETS



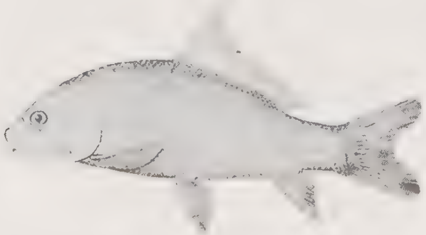
PINFISH
RANGE - FLORIDA TO NORTH CAROLINA
GEAR - HAUL SEINES, GILL NETS



POLLOCK
RANGE - MIDDLE ATLANTIC AND NEW ENGLAND STATES
GEAR - TRAWL LINES, FLOATING TRAPS, POUND NETS,
OTTER TRAWLS, GILL NETS

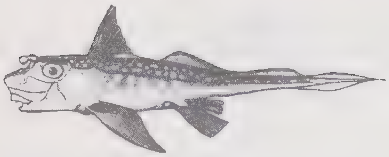


POMPANO
RANGE - TEXAS TO NORTH CAROLINA
GEAR - TRAMMEL NETS, HAUL SEINES, GILL NETS,
HAND LINES

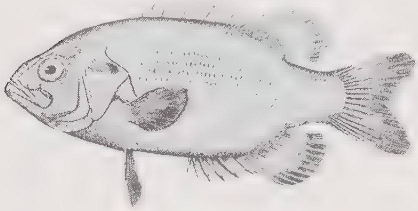


QUILLBACK
RANGE - FRESH-WATER
GEAR - HAUL SEINES, TROT LINES, FYKE NETS

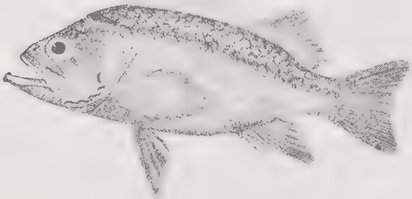
PICTORIAL SECTION



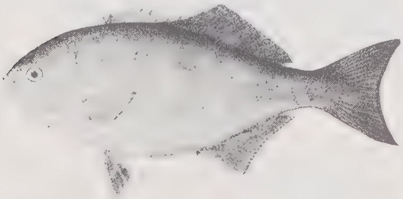
RATFISH
RANGE - WASHINGTON TO ALASKA
GEAR - BEAM TRAWLS, TRAWL LINES



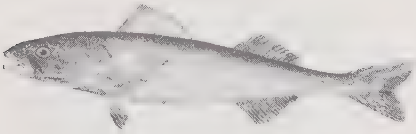
ROCK BASS
RANGE - GREAT LAKES
GEAR - TRAP NETS, FYKE NETS, HAUL SEINES, GILL NETS



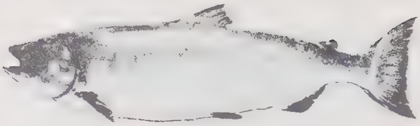
ROCKFISH
RANGE - CALIFORNIA TO ALASKA
GEAR - LINES, OTTER TRAWLS, PARANZELLA NETS, GILL NETS



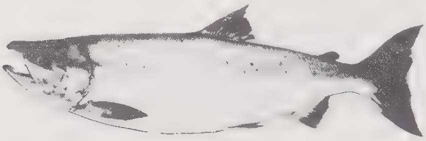
RUDDERFISH
RANGE - CALIFORNIA
GEAR - LAMPARA AND RING NETS



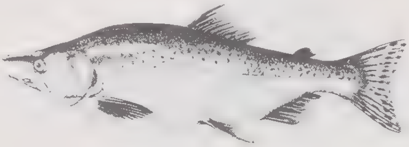
SABLEFISH
RANGE - PACIFIC COAST STATES AND ALASKA
GEAR - TRAWL LINES, OTTER TRAWLS



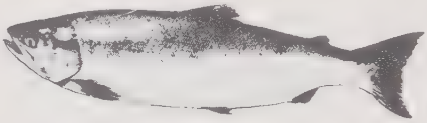
SALMON, CHINOOK OR KING
RANGE - CALIFORNIA TO ALASKA
GEAR - POUND NETS, PURSE SEINES, GILL NETS, HAUL SEINES, TROLL LINES, REEF NETS



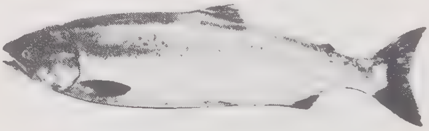
SALMON, CHUM OR KETA
RANGE - OREGON TO ALASKA
GEAR - POUND NETS, PURSE SEINES, GILL NETS, HAUL SEINES, REEF NETS



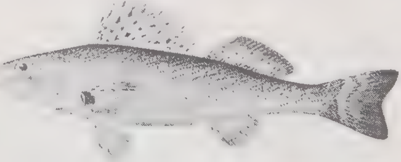
SALMON, PINK
RANGE - WASHINGTON TO ALASKA
GEAR - PURSE SEINES, POUND NETS, GILL NETS REEF NETS



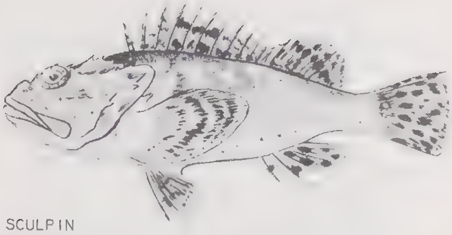
SALMON, RED OR SOCKEYE
RANGE - OREGON TO ALASKA
GEAR - GILL NETS, PURSE SEINES, POUND NETS, REEF NETS



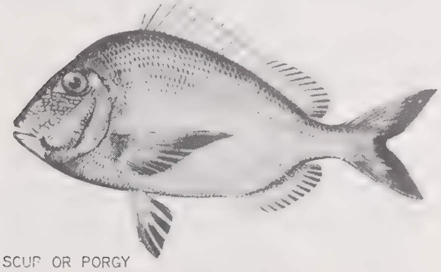
SALMON, SILVER OR COHO
RANGE - CALIFORNIA TO ALASKA
GEAR - HAUL SEINES, PURSE SEINES, GILL NETS, TROLL LINES, POUND NETS, REEF NETS



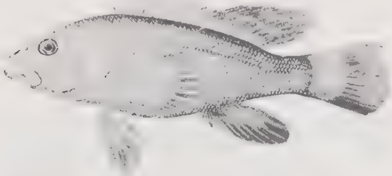
SAUGER
RANGE - GREAT LAKES
GEAR - GILL NETS, HAUL SEINES, TRAP NETS, FYKE NETS



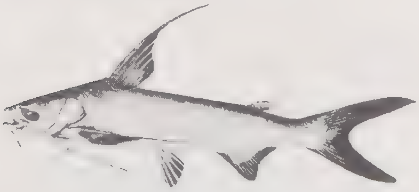
SCULPIN
RANGE - PACIFIC COAST STATES AND ALASKA
GEAR - LINES, GILL NETS, POTS



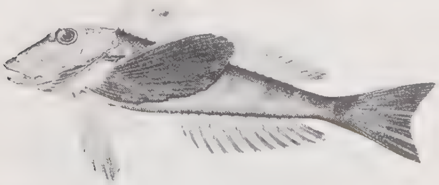
SCUP OR PORGY
RANGE - FLORIDA TO NEW ENGLAND
GEAR - OTTER TRAWLS, POUND NETS



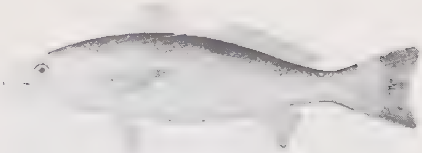
SEA BASS
RANGE - FLORIDA TO NEW ENGLAND
GEAR - OTTER TRAWLS, HAND LINES, POTS



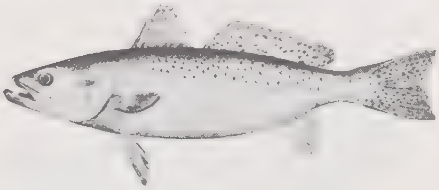
SEA CATFISH
RANGE - TEXAS TO CHESAPEAKE BAY
GEAR - OTTER TRAWLS, HAUL SEINES, HAND LINES



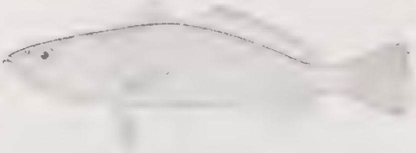
SEA ROBIN
RANGE - CHESAPEAKE BAY TO NEW ENGLAND
GEAR - POUND NETS, OTTER TRAWLS



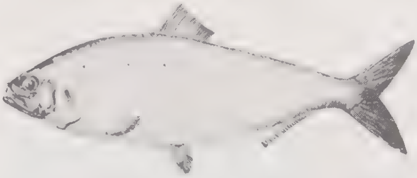
SEA TROUT OR WEAKFISH, GRAY
RANGE - FLORIDA TO MASSACHUSETTS
GEAR - OTTER TRAWLS, POUND NETS, PURSE SEINES,
GILL NETS, HAUL SEINES



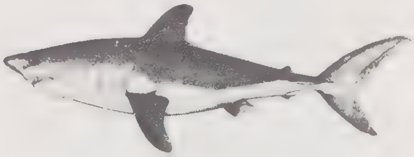
SEA TROUT OR WEAKFISH, SPOTTED
RANGE - MARYLAND TO TEXAS
GEAR - GILL NETS, TRAMMEL NETS, HAUL SEINES,
POUND NETS, OTTER TRAWLS, HAND LINES



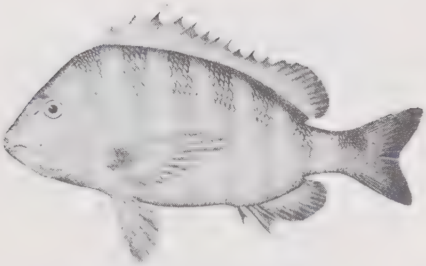
SEA TROUT OR WEAKFISH, WHITE
RANGE - GULF OF MEXICO
GEAR - GILL NETS, HAUL SEINES, HAND LINES



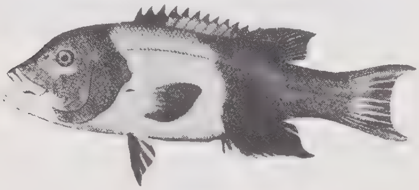
SHAD
RANGE - FLORIDA TO NEW ENGLAND
GEAR - GILL NETS, POUND NETS, FYKE NETS,
HAUL SEINES



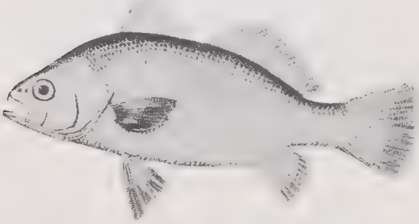
SHARK
RANGE - ATLANTIC COAST, GULF, PACIFIC COAST STATES
GEAR - TRAWL LINES, GILL NETS, OTTER TRAWLS



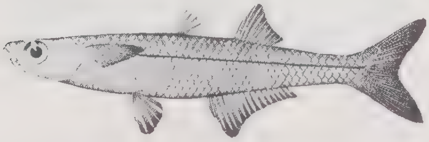
SHEEPSHEAD
RANGE - TEXAS TO CHESAPEAKE BAY
GEAR - HAND LINES, POTS



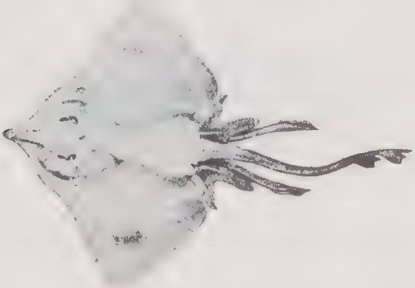
SHEEPSHEAD, CALIFORNIA
RANGE - CALIFORNIA
GEAR - SET LINES, TRAMMEL NETS



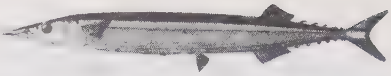
SAND PERCH
RANGE - TEXAS TO NEW YORK
GEAR - HAUL SEINES, GILL NETS, POUND NETS



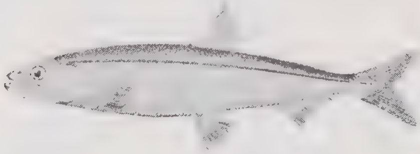
SILVERSIDES
RANGE - NEW YORK
GEAR - HAUL SEINES, OTTER TRAWLS



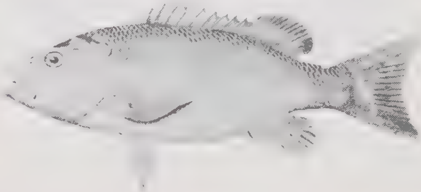
SKATE
RANGE - PACIFIC COAST, CHESAPEAKE BAY TO NEW ENGLAND
GEAR - LINES, OTTER TRAWLS, POUND NETS, HAUL SEINES



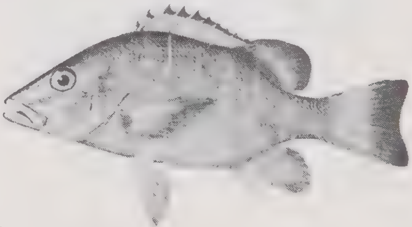
SKIPPER
RANGE - VIRGINIA TO NOVA SCOTIA
GEAR - POUND NETS, WEIRS



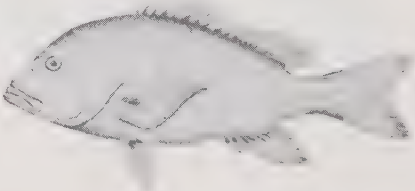
SMELT
RANGE - NEW YORK TO MAINE, PACIFIC OCEAN,
GREAT LAKES
GEAR - POUND NETS, DIP NETS, GILL NETS, HAUL SEINES



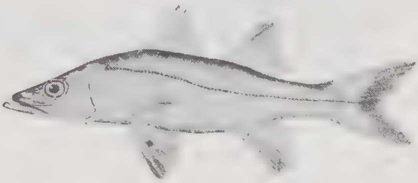
SNAPPER, MANGROVE
RANGE - FLORIDA
GEAR - HAND LINES, GILL NETS



SNAPPER, LANE
RANGE - FLORIDA
GEAR - HAND LINES

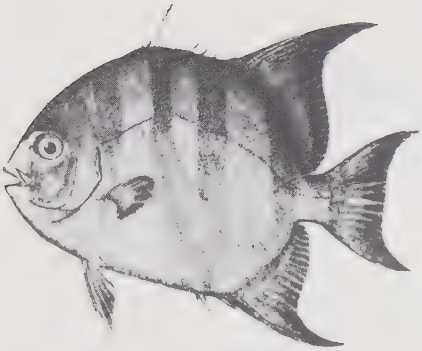


SNAPPER, RED
RANGE - TEXAS TO FLORIDA
GEAR - HAND LINES

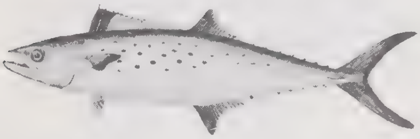


SNOOK
RANGE - TEXAS TO FLORIDA
GEAR - GILL NETS, HAND LINES, HAUL SEINES

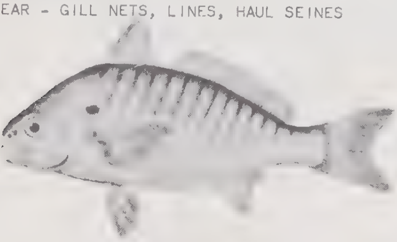
PICTORIAL SECTION



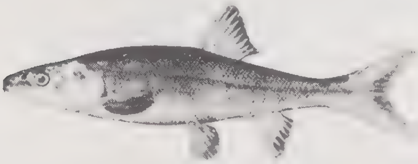
SPADEFISH
RANGE - FLORIDA
GEAR - GILL NETS, TRAMMEL NETS



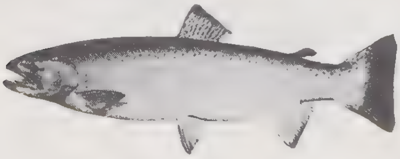
SPANISH MACKEREL
RANGE - TEXAS TO VIRGINIA
GEAR - GILL NETS, LINES, HAUL SEINES



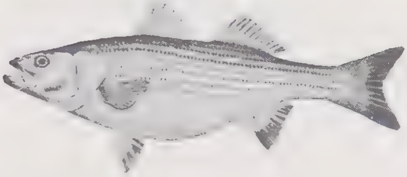
SPOT
RANGE - GULF OF MEXICO TO MIDDLE ATLANTIC STATES
GEAR - HAUL SEINES, GILL NETS, POUND NETS, OTTER TRAWLS



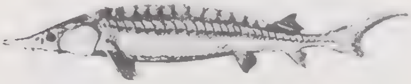
SQUAWFISH
RANGE - CALIFORNIA
GEAR - FYKE NETS, GILL NETS



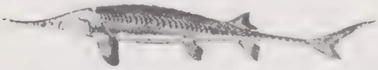
STEELHEAD TROUT
RANGE - OREGON TO ALASKA
GEAR - HAUL SEINES, POUND NETS, GILL NETS, LINES, DIP NETS



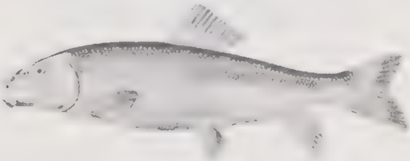
STRIPED BASS
RANGE - NORTH CAROLINA TO NEW ENGLAND, CALIFORNIA TO OREGON
GEAR - HAUL SEINES, GILL NETS, POUND NETS, HAND LINES, FYKE NETS



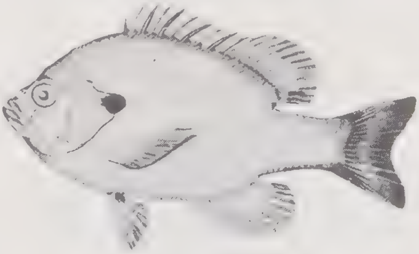
STURGEON
RANGE - COASTAL AND RIVER AREAS
GEAR - GILL NETS, LINES



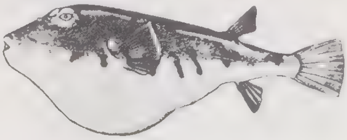
STURGEON, SHOVELNOSE
RANGE - FRESH-WATER
GEAR - HAUL SEINES, LINES, POUND NETS



SUCKER
RANGE - FRESH-WATER
GEAR - POUND NETS, FYKE NETS, GILL NETS, HAUL SEINES, TRAP NETS

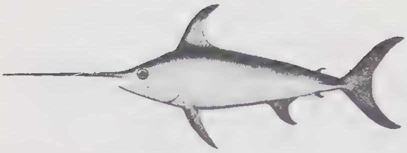


SUNFISH
RANGE - FRESH-WATER
GEAR - POTS, SEINES, TRAP NETS

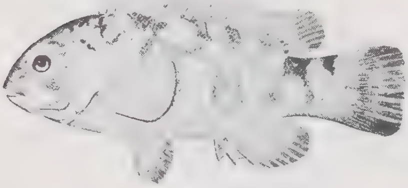


SWELLFISH
RANGE - CHESAPEAKE BAY TO MIDDLE ATLANTIC
GEAR - POUND NETS, HAUL SEINES, OTTER TRAWLS

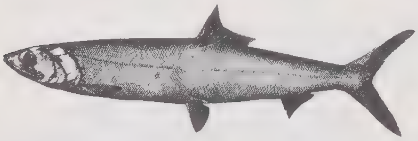
PICTORIAL SECTION



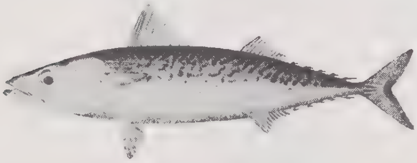
SWORDFISH
RANGE - NEW ENGLAND AND CALIFORNIA
GEAR - HARPOONS



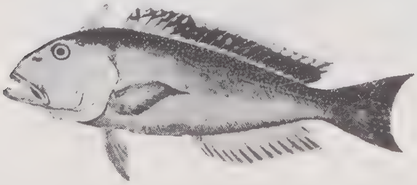
TAUTOG
RANGE - CHESAPEAKE BAY TO NEW ENGLAND
GEAR - POUND NETS, HAND LINES, POTS



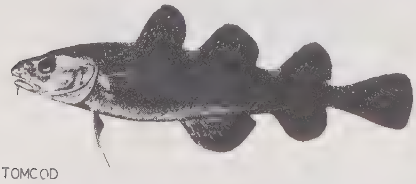
TENPOUNDER
RANGE - FLORIDA
GEAR - HAUL SEINES



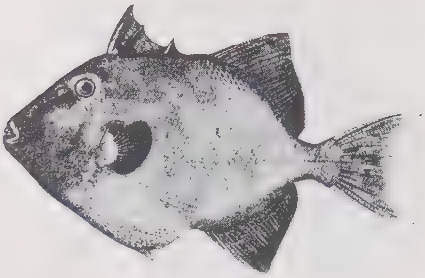
THIMBLE-EYED MACKEREL
RANGE - CHESAPEAKE BAY TO NEW ENGLAND
GEAR - POUND NETS, PURSE SEINES, OTTER TRAWLS



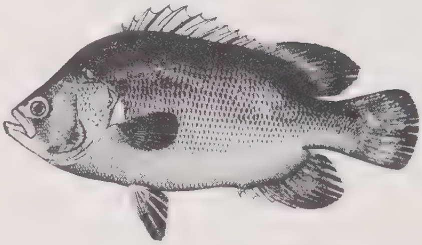
TILEFISH
RANGE - MIDDLE ATLANTIC AND NEW ENGLAND STATES
GEAR - TRAWL LINES, REEF NETS, OTTER TRAWLS



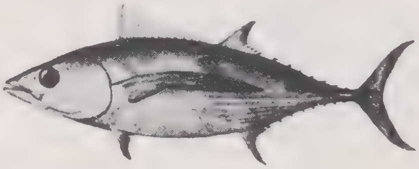
TOMCOD
RANGE - PACIFIC COAST, MIDDLE ATLANTIC AND
NEW ENGLAND STATES
GEAR - OTTER TRAWLS, DIP NETS



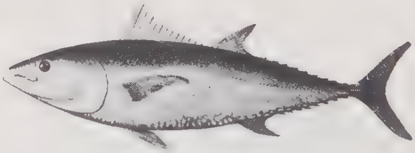
TRIGGERFISH
RANGE - FLORIDA
GEAR - HAND LINES



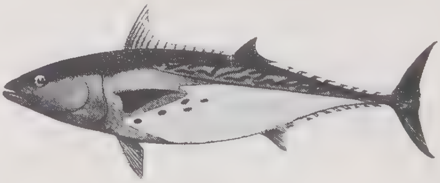
TRIPLETAIL
RANGE - FLORIDA
GEAR - HAUL SEINES, GILL NETS, LINES



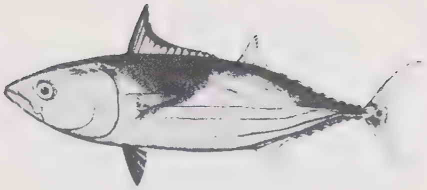
TUNA, ALBACORE
RANGE - PACIFIC COAST
GEAR - LINES



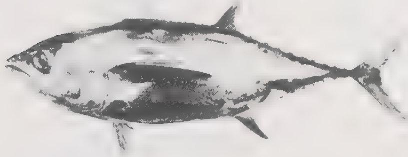
TUNA, BLUEFIN
RANGE - CALIFORNIA, NEW JERSEY TO MAINE
GEAR - PURSE SEINES, LAMPARA NETS, TROLL LINES,
POUND NETS, HARPOONS



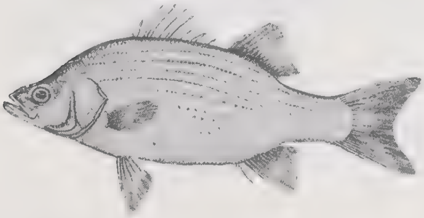
TUNA, LITTLE
RANGE - MASSACHUSETTS TO TEXAS
GEAR - POUND NETS, TROLL LINES, OTTER TRAWLS



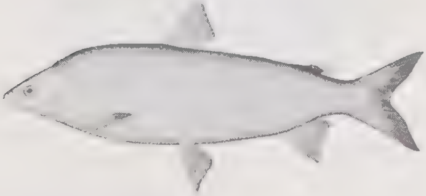
TUNA, SKIPJACK
RANGE - CALIFORNIA
GEAR - LINES, PURSE SEINES



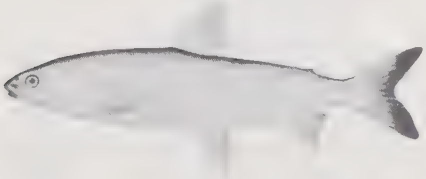
TUNA, YELLOWFIN
RANGE - PACIFIC
GEAR - LINES AND PURSE SEINES



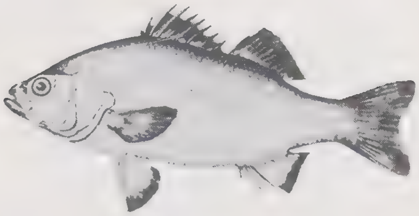
WHITE BASS
RANGE - GREAT LAKES
GEAR - TRAP NETS, FYKE NETS, HAUL SEINES, POUND NETS



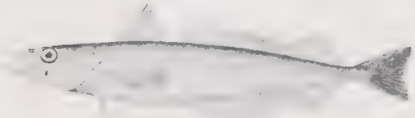
WHITEFISH, COMMON
RANGE - GREAT LAKES
GEAR - GILL NETS, POUND NETS, TRAP NETS



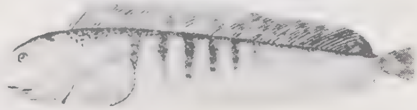
WHITEFISH, MENOMINEE
RANGE - ALASKA, GREAT LAKES
GEAR - GILL NETS, HAUL SEINES, TRAP NETS, POUND NETS



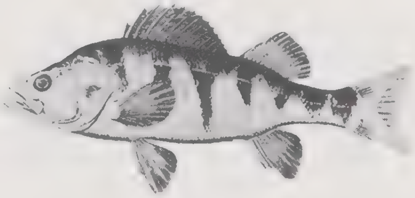
WHITE PERCH
RANGE - NORTH CAROLINA TO MAINE
GEAR - POUND NETS, FYKE NETS, HAUL SEINES



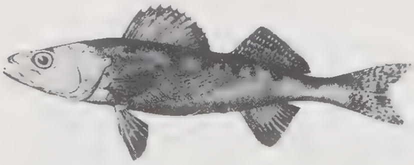
WHITING
RANGE - VIRGINIA TO MAINE
GEAR - OTTER TRAWLS, POUND NETS



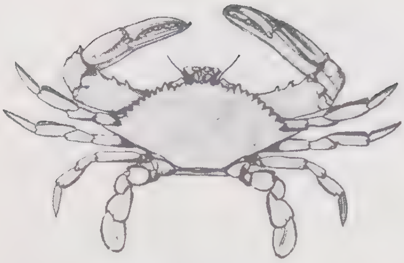
WOLFFISH
RANGE - MASSACHUSETTS AND MAINE
GEAR - OTTER TRAWLS, LINE TRAWLS



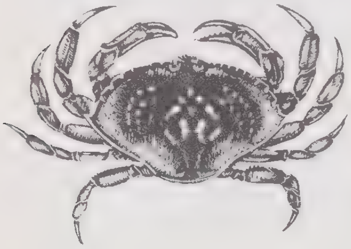
YELLOW PERCH
RANGE - GREAT LAKES, OTHER LAKES
GEAR - GILL NETS, TRAP NETS, POUND NETS, FYKE NETS



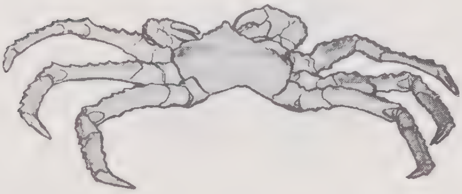
YELLOW PIKE
RANGE - GREAT LAKES
GEAR - POUND NETS, FYKE NETS, GILL NETS, TRAP NETS



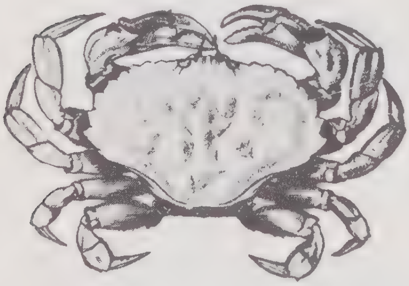
BLUE CRAB
RANGE - TEXAS TO RHODE ISLAND
GEAR - TROT LINES, POTS, FYKE NETS, DIP NETS,
SCRAPES, DREDGES



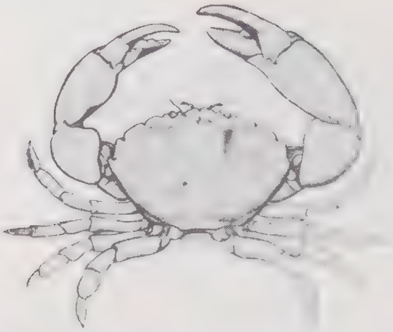
DUNGENESS CRAB
RANGE - PACIFIC COAST STATES AND ALASKA
GEAR - TRAPS



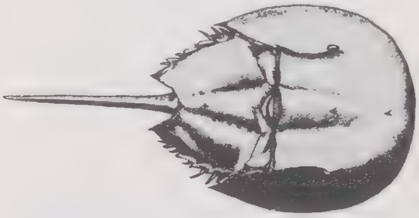
KING CRAB
RANGE - ALASKA
GEAR - TANGLE NETS, OTTER TRAWLS



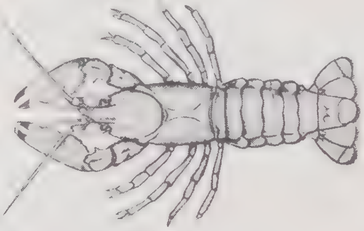
ROCK CRAB
RANGE - NEW ENGLAND
GEAR - POTS



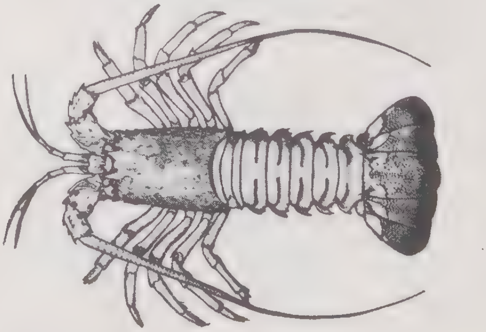
STONE CRAB
RANGE - FLORIDA
GEAR - DIP NETS, CRAB POTS



HORSESHOE CRAB
RANGE - MARYLAND TO NEW YORK
GEAR - POUND NETS, WEIRS, BY HAND

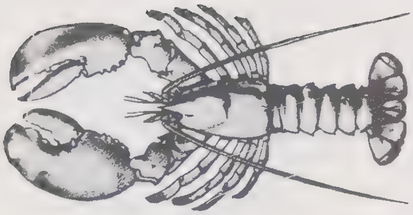


FRESH-WATER CRAWFISH
RANGE - RIVERS AND LAKES
GEAR - POTS

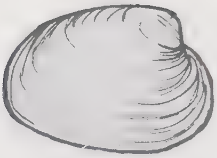


SPINY LOBSTER
RANGE - CALIFORNIA AND FLORIDA
GEAR - DIP NETS, POTS, HOOKS

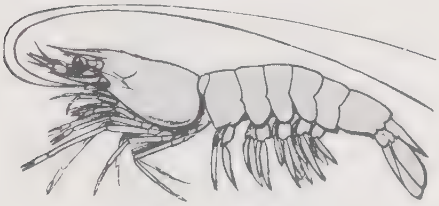
PICTORIAL SECTION



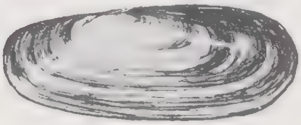
LOBSTER, NORTHERN
RANGE - VIRGINIA TO MAINE
GEAR - POTS, OTTER TRAWLS



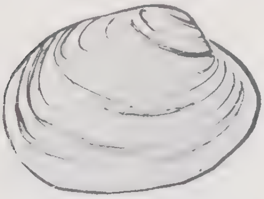
HARD CLAM
RANGE - FLORIDA TO MAINE
GEAR - HOES, DREDGES, TONGS, RAKES, BY HAND



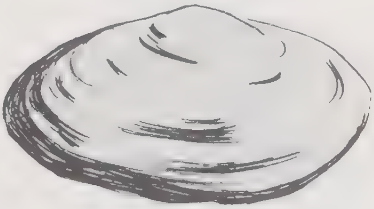
SHRIMP
RANGE - TEXAS TO NORTH CAROLINA, MAINE,
CALIFORNIA, WASHINGTON, AND ALASKA
GEAR - SHRIMP TRAWLS



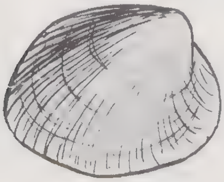
RAZOR CLAM, PACIFIC
RANGE - OREGON, WASHINGTON AND ALASKA
GEAR - SHOVELS



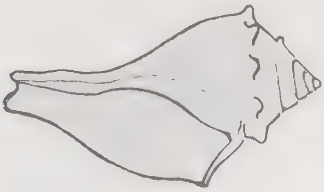
BUTTER CLAM
RANGE - PACIFIC COAST
GEAR - SHOVELS



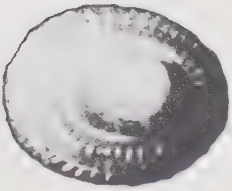
SOFT CLAM
RANGE - MIDDLE ATLANTIC TO NEW ENGLAND,
PACIFIC COAST STATES
GEAR - FORKS, HOES, RAKES, DREDGES



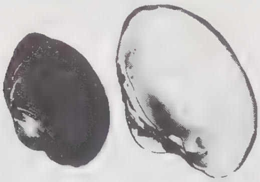
LITTLE NECK CLAM
RANGE - PACIFIC COAST
GEAR - SHOVELS



CONCH
RANGE - FLORIDA TO MAINE
GEAR - OTTER TRAWLS, DREDGES, POTS, AND BY HAND



LIMPET
RANGE - NEW YORK AND NEW ENGLAND
GEAR - DREDGES

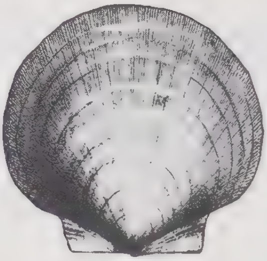


FRESH-WATER MUSSEL
RANGE - FRESH-WATER STREAMS
GEAR - CROWFOOT BARS, PICKS, HAND

SEA MUSSEL
RANGE - NORTH CAROLINA TO MAINE
GEAR - DREDGES, TONGS, RAKES, HAND

OYSTER
RANGE - TEXAS TO MASSACHUSETTS, PACIFIC COAST
GEAR - TONGS, DREDGES, RAKES, HAND

BAY SCALLOP
RANGE - FLORIDA TO MASSACHUSETTS, WASHINGTON
GEAR - DREDGES, SCRAPES, PUSH NETS, TONGS, RAKES, DIP NETS



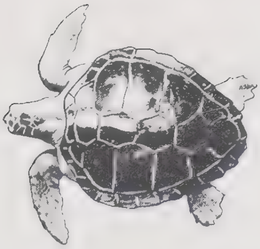
SEA SCALLOP
RANGE - NEW JERSEY TO MAINE
GEAR - DREDGES, OTTER TRAWLS

STARFISH
RANGE - ATLANTIC AND PACIFIC COAST
GEAR - HOOKS, SCRAPES, "MOPS"

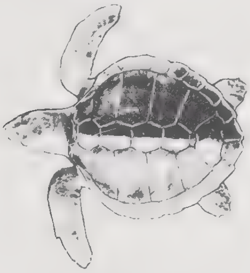
TERRAPIN
RANGE - TEXAS TO NEW JERSEY
GEAR - HAUL SEINES, HAND

GREEN TURTLE
RANGE - FLORIDA
GEAR - GILL NETS, TANGLE NETS

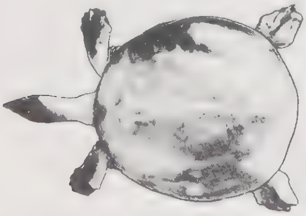
PICTORIAL SECTION



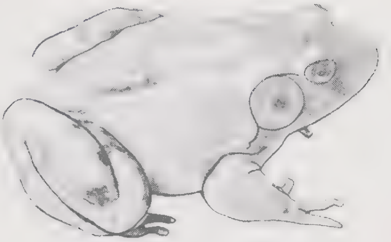
LOGGERHEAD TURTLE
RANGE - FLORIDA TO NEW JERSEY
GEAR - GILL NETS



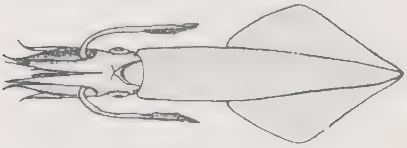
HAWKSBILL TURTLE
RANGE - GULF OF MEXICO, AND ATLANTIC COAST TO NEW YORK
GEAR - HAND, TANGLE NETS, POUND NETS



SOFT-SHELL TURTLE
RANGE - LAKES AND RIVERS
GEAR - HAUL SEINES, FYKE NETS, POTS



FROG
RANGE - FRESH-WATER, MARSHES, POND
GEAR - SPEARS, GRABS



SQUID
RANGE - VIRGINIA TO MAINE, CALIFORNIA AND WASHINGTON
GEAR - LAMPARA NETS, GILL NETS, OTTER TRAWLS, POUND NETS

SPONGE
RANGE - FLORIDA
GEAR - HOOKS, DIVING OUTFITS

IRISH MOSS
RANGE - NEW ENGLAND
GEAR - RAKES

SECTION 16 - STATISTICAL PUBLICATIONS

The following list of publications includes all reports issued in the Current Fishery Statistics series during 1959.

C. F. S. NO.	TITLE
1938	MASSACHUSETTS LANDINGS, AUGUST, 1958
1939	MAINE LANDINGS, OCTOBER, 1958
1940	CHESAPEAKE FISHERIES, ANNUAL, 1957
1941	GULF FISHERIES, ANNUAL, 1957
1942	NEW YORK LANDINGS, OCTOBER, 1958
1943	SHRIMP LANDINGS, AUGUST, 1958
1944	FROZEN FISH REPORT, NOVEMBER, 1958
1945	LOUISIANA LANDINGS, AUGUST, 1958
1946	NORTH CAROLINA LANDINGS, NOVEMBER, 1958
1947	RHODE ISLAND LANDINGS, SEPTEMBER, 1958
1948	CALIFORNIA LANDINGS, JULY, 1958
1949	ALABAMA LANDINGS, SEPTEMBER, 1958
1950	FROZEN FISH REPORT, DECEMBER, 1958
1951	FISH MEAL AND OIL, NOVEMBER, 1958
1952	GEORGIA LANDINGS, NOVEMBER, 1958
1953	MISSISSIPPI LANDINGS, OCTOBER, 1958
1954	SOUTH CAROLINA LANDINGS, NOVEMBER, 1958
1955	OHIO LANDINGS, NOVEMBER, 1958
1956	LOUISIANA LANDINGS, SEPTEMBER, 1958
1957	TEXAS LANDINGS, OCTOBER, 1958
1958	MAINE LANDINGS, NOVEMBER, 1958
1959	CALIFORNIA LANDINGS, AUGUST, 1958
1960	FLORIDA LANDINGS, NOVEMBER, 1958
1961	PACIFIC COAST FISHERIES, ANNUAL, 1957
1962	NEW YORK LANDINGS, NOVEMBER, 1958
1963	MASSACHUSETTS LANDINGS, SEPTEMBER, 1958
1964	ALABAMA LANDINGS, OCTOBER, 1958
1965	NEW JERSEY LANDINGS, NOVEMBER, 1958
1966	SHRIMP LANDINGS, SEPTEMBER, 1958
1967	SOUTH CAROLINA LANDINGS, DECEMBER, 1958
1968	GEORGIA LANDINGS, DECEMBER, 1958
1969	MISSISSIPPI LANDINGS, NOVEMBER, 1958
1970	NORTH CAROLINA LANDINGS, DECEMBER, 1958
1971	ALABAMA LANDINGS, NOVEMBER, 1958
1972	MASSACHUSETTS LANDINGS, OCTOBER, 1958
1973	FISH MEAL AND OIL, DECEMBER, 1958
1974	CALIFORNIA LANDINGS, SEPTEMBER, 1958
1975	MAINE LANDINGS, DECEMBER, 1958
1976	FISH STICKS AND PORTIONS, ANNUAL, 1958
1977	FROZEN FISH REPORT, JANUARY, 1959
1978	NEW YORK LANDINGS, DECEMBER, 1958
1979	OHIO LANDINGS, DECEMBER, 1958
1980	FLORIDA, LANDINGS, DECEMBER, 1958
1981	MANUFACTURED FISHERY PRODUCTS, ANNUAL, 1957
1982	NEW JERSEY LANDINGS, DECEMBER, 1958
1983	FROZEN FISH REPORT, ANNUAL, 1958
1984	FISHERIES OF THE UNITED STATES AND ALASKA, ANNUAL, 1957
1985	TEXAS LANDINGS, NOVEMBER, 1958
1986	ALABAMA LANDINGS, DECEMBER, 1958
1987	NEW JERSEY LANDINGS, ANNUAL, 1958
1988	SOUTH CAROLINA LANDINGS, ANNUAL, 1958
1989	TEXAS LANDINGS, DECEMBER, 1958
1990	OHIO LANDINGS, MARCH, 1959
1991	NORTH CAROLINA LANDINGS, ANNUAL, 1958
1992	MISSISSIPPI LANDINGS, DECEMBER, 1958
1993	LOUISIANA LANDINGS, OCTOBER, 1958
1994	FISH MEAL AND OIL, ANNUAL, 1958
1995	CALIFORNIA LANDINGS, OCTOBER, 1958
1996	NORTH CAROLINA LANDINGS, JANUARY, 1959
1997	LOUISIANA LANDINGS, NOVEMBER, 1958
1998	GEORGIA LANDINGS, ANNUAL, 1958
1999	MISSISSIPPI LANDINGS, ANNUAL, 1958
2000	NEW YORK LANDINGS, ANNUAL, 1958
2001	FLORIDA LANDINGS, ANNUAL, 1958
2002	FROZEN FISH REPORT, FEBRUARY, 1959
2003	GEORGIA LANDINGS, JANUARY, 1958
2004	ALABAMA LANDINGS, ANNUAL, 1958
2005	FISH MEAL AND OIL, JANUARY 1959
2006	LOUISIANA LANDINGS, DECEMBER, 1958
2007	MISSISSIPPI LANDINGS, JANUARY, 1959
2008	NEW YORK LANDINGS, JANUARY 1959
2009	NEW JERSEY LANDINGS, JANUARY 1959
2010	SOUTH CAROLINA LANDINGS, JANUARY 1959
2011	MASSACHUSETTS LANDINGS, NOVEMBER, 1958
2012	NEW JERSEY LANDINGS, FEBRUARY, 1959
2013	FLORIDA LANDINGS, JANUARY, 1959
2014	SHRIMP LANDINGS, OCTOBER, 1958
2015	MAINE LANDINGS, JANUARY, 1959
2016	PACKAGED FISH, ANNUAL, 1958
2017	SOUTH CAROLINA LANDINGS, FEBRUARY, 1959
2018	FISH MEAL AND OIL, FEBRUARY, 1959
2019	MASSACHUSETTS LANDINGS, DECEMBER, 1958
2020	RHODE ISLAND LANDINGS, OCTOBER, 1958
2021	CANNED FISH AND BYPRODUCTS, ANNUAL, 1959
2022	MAINE LANDINGS, FEBRUARY, 1959
2023	CALIFORNIA LANDINGS, NOVEMBER, 1958
2024	NORTH CAROLINA LANDINGS, FEBRUARY, 1959
2025	SHRIMP LANDINGS, NOVEMBER, 1958
2026	FLORIDA LANDINGS, FEBRUARY, 1959
2027	NEW JERSEY LANDINGS, MARCH, 1959
2028	TEXAS LANDINGS, JANUARY, 1959
2029	GEORGIA LANDINGS, FEBRUARY, 1959
2030	RHODE ISLAND LANDINGS, NOVEMBER, 1958
2031	MAINE LANDINGS, BY COUNTY AND GEAR, ANNUAL, 1958
2032	MAINE LANDINGS, BY MONTHS, ANNUAL, 1958
2033	NEW YORK LANDINGS, FEBRUARY, 1959
2034	FROZEN FISH REPORT, MARCH, 1959
2035	CALIFORNIA LANDINGS, DECEMBER, 1958
2036	NORTH CAROLINA LANDINGS, MARCH, 1959
2037	GEORGIA LANDINGS, MARCH, 1959
2038	TEXAS LANDINGS, FEBRUARY, 1959
2039	RHODE ISLAND LANDINGS, DECEMBER, 1958
2040	MASSACHUSETTS LANDINGS, BY PORTS, ANNUAL, 1958
2041	MASSACHUSETTS LANDINGS, BY GEAR, ANNUAL, 1958
2042	RHODE ISLAND LANDINGS, ANNUAL, 1958
2043	LOUISIANA LANDINGS, JANUARY, 1959
2044	ALABAMA LANDINGS, JANUARY, 1959
2045	MAINE LANDINGS, MARCH, 1959
2046	SHRIMP LANDINGS, DECEMBER, 1958
2047	SOUTH CAROLINA LANDINGS, MARCH, 1959
2048	FLORIDA LANDINGS, MARCH, 1959
2049	FROZEN FISH REPORT, APRIL, 1959
2050	RHODE ISLAND LANDINGS, JANUARY, 1959
2051	CALIFORNIA LANDINGS, JANUARY, 1959
2052	MASSACHUSETTS LANDINGS, JANUARY, 1959
2053	NEW YORK LANDINGS, MARCH, 1959
2054	ALABAMA LANDINGS, FEBRUARY, 1959
2055	MISSISSIPPI LANDINGS, FEBRUARY, 1959
2056	SHRIMP LANDINGS, ANNUAL, 1958
2057	FISH MEAL AND OIL, MARCH, 1959
2058	FISH STICKS AND PORTIONS, JANUARY-MARCH, 1959
2059	SHRIMP LANDINGS, JANUARY, 1959
2060	MISSISSIPPI LANDINGS, MARCH, 1959
2061	NORTH CAROLINA LANDINGS, APRIL, 1959
2062	GEORGIA LANDINGS, APRIL, 1959
2063	SOUTH CAROLINA LANDINGS, APRIL, 1959
2064	FISH MEAL AND OIL, APRIL, 1959
2065	MASSACHUSETTS LANDINGS, FEBRUARY, 1959
2066	FLORIDA LANDINGS, APRIL, 1959
2067	RHODE ISLAND LANDINGS, FEBRUARY, 1959
2068	NEW YORK LANDINGS, APRIL, 1959
2069	FROZEN FISH REPORT, MAY, 1959
2070	MAINE LANDINGS, APRIL, 1959
2071	CALIFORNIA LANDINGS, FEBRUARY, 1959
2072	TEXAS LANDINGS, MARCH, 1959
2073	ALASKA FISHERIES, ANNUAL, 1958
2074	SHRIMP LANDINGS, FEBRUARY, 1959
2075	OHIO LANDINGS, APRIL, 1959
2076	MISSISSIPPI LANDINGS, APRIL, 1959
2077	NORTH CAROLINA LANDINGS, MAY, 1959
2078	ALABAMA LANDINGS, MARCH, 1959
2079	FISH MEAL AND OIL, MAY, 1959
2080	OHIO LANDINGS, MAY, 1959
2081	RHODE ISLAND LANDINGS, MARCH, 1959
2082	TEXAS LANDINGS, APRIL, 1959
2083	GEORGIA LANDINGS, MAY, 1959
2084	FLORIDA LANDINGS, MAY, 1959
2085	MASSACHUSETTS LANDINGS, MARCH, 1959
2086	LOUISIANA LANDINGS, FEBRUARY, 1959
2087	TEXAS LANDINGS, MAY, 1959
2088	FROZEN FISH REPORT, JUNE, 1959
2089	SHRIMP LANDINGS, MARCH, 1959
2090	IMPORTS AND EXPORTS OF FISHERY PRODUCTS, ANNUAL, 1954-1958
2091	NEW JERSEY LANDINGS, APRIL, 1959
2092	MAINE LANDINGS, MAY, 1959
2093	CALIFORNIA LANDINGS, MARCH, 1959
2094	ALABAMA LANDINGS, APRIL, 1959
2095	NEW YORK LANDINGS, MAY, 1959
2096	MASSACHUSETTS LANDINGS, APRIL, 1959
2097	SOUTH CAROLINA LANDINGS, MAY, 1959
2098	RHODE ISLAND LANDINGS, APRIL, 1959
2099	NEW JERSEY LANDINGS, MAY, 1959
2100	OHIO LANDINGS, JUNE, 1959
2101	FISH MEAL AND OIL, JUNE, 1959

(CONTINUED ON NEXT PAGE)

STATISTICAL PUBLICATIONS

C. F. S. NO.	TITLE
2102	NORTH CAROLINA LANDINGS, JUNE, 1959
2103	GEORGIA LANDINGS, JUNE, 1959
2104	NEW JERSEY LANDINGS, JUNE, 1959
2105	SOUTH CAROLINA LANDINGS, JUNE, 1959
2106	SHRIMP LANDINGS, APRIL, 1959
2107	FLORIDA LANDINGS, JUNE, 1959
2108	FROZEN FISH REPORT, JULY, 1959
2109	MAINE LANDINGS, JUNE, 1959
2110	SOUTH ATLANTIC FISHERIES, ANNUAL, 1958
2111	NEW YORK LANDINGS, JUNE, 1959
2112	FISH STICKS AND PORTIONS, APRIL-JUNE, 1959
2113	MASSACHUSETTS LANDINGS, MAY, 1959
2114	NORTH CAROLINA LANDINGS, JULY, 1959
2115	FISH MEAL AND OIL, JULY, 1959
2116	CALIFORNIA LANDINGS, APRIL, 1959
2117	RHODE ISLAND LANDINGS, MAY, 1959
2118	LOUISIANA LANDINGS, MARCH, 1959
2119	OHIO LANDINGS, JULY, 1959
2120	NEW JERSEY LANDINGS, JULY, 1959
2121	MASSACHUSETTS LANDINGS, JUNE, 1959
2122	TEXAS LANDINGS, JUNE, 1959
2123	GEORGIA LANDINGS, JULY, 1959
2124	SOUTH CAROLINA LANDINGS, JULY, 1959
2125	FLORIDA LANDINGS, JULY, 1959
2126	MAINE LANDINGS, JULY, 1959
2127	NEW YORK LANDINGS, JULY, 1959
2128	FROZEN FISH REPORT, AUGUST, 1959
2129	FISH MEAL AND OIL, AUGUST, 1959
2130	NORTH CAROLINA LANDINGS, AUGUST, 1959
2131	LOUISIANA LANDINGS, ANNUAL, 1958
2132	TEXAS LANDINGS, JULY, 1959
2133	MIDDLE ATLANTIC FISHERIES, ANNUAL, 1958
2134	MISSISSIPPI LANDINGS, MAY, 1959
2135	RHODE ISLAND LANDINGS, JUNE, 1959
2136	ALABAMA LANDINGS, MAY, 1959
2137	MASSACHUSETTS LANDINGS, JULY, 1959
2138	MISSISSIPPI LANDINGS, JUNE, 1959
2139	RHODE ISLAND LANDINGS, JULY, 1959
2140	SHRIMP LANDINGS, MAY, 1959
2141	MAINE LANDINGS, AUGUST, 1959
2142	MISSISSIPPI LANDINGS, JULY, 1959
2143	ALABAMA LANDINGS, JUNE, 1959
2144	TEXAS LANDINGS, AUGUST, 1959
2145	NEW JERSEY, AUGUST, 1959
2146	OHIO LANDINGS, AUGUST, 1959
2147	MASSACHUSETTS, AUGUST, 1959
2148	FROZEN FISH REPORT, SEPTEMBER, 1959
2149	NORTH CAROLINA LANDINGS, SEPTEMBER, 1959
2150	SOUTH CAROLINA LANDINGS, AUGUST, 1959
2151	GEORGIA LANDINGS, AUGUST, 1959
2152	FLORIDA LANDINGS, AUGUST, 1959
2153	FISH MEAL AND OIL, SEPTEMBER, 1959

C. F. S. NO.	TITLE
2154	SHRIMP LANDINGS, JUNE, 1959
2155	MISSISSIPPI LANDINGS, AUGUST, 1959
2156	ALABAMA LANDINGS, JULY, 1959
2157	LOUISIANA LANDINGS, APRIL, 1959
2158	NEW YORK LANDINGS, AUGUST, 1959
2159	NEW JERSEY LANDINGS, SEPTEMBER, 1959
2160	RHODE ISLAND LANDINGS, AUGUST, 1959
2161	SOUTH CAROLINA LANDINGS, SEPTEMBER, 1959
2162	GEORGIA LANDINGS, SEPTEMBER, 1959
2163	SHRIMP LANDINGS, JULY, 1959
2164	CALIFORNIA LANDINGS, MAY, 1959
2165	GULF FISHERIES, ANNUAL, 1958
2166	MAINE LANDINGS, SEPTEMBER, 1959
2167	FLORIDA LANDINGS, SEPTEMBER, 1959
2168	LOUISIANA LANDINGS, MAY, 1959
2169	CALIFORNIA LANDINGS, JUNE, 1959
2170	ALABAMA LANDINGS, AUGUST, 1959
2171	FISH MEAL AND OIL, OCTOBER, 1959
2172	TEXAS LANDINGS, SEPTEMBER, 1959
2173	NEW YORK LANDINGS, SEPTEMBER, 1959
2174	MASSACHUSETTS LANDINGS, SEPTEMBER, 1959
2175	LOUISIANA LANDINGS, JUNE, 1959
2176	MISSISSIPPI LANDINGS, SEPTEMBER, 1959
2177	NORTH CAROLINA LANDINGS, OCTOBER, 1959
2178	FISH STICKS AND PORTIONS, JULY-SEPTEMBER, 1959
2179	SHRIMP LANDINGS, AUGUST, 1959
2180	FROZEN FISH REPORT, OCTOBER, 1959
2181	SOUTH CAROLINA LANDINGS, OCTOBER, 1959
2182	ALABAMA LANDINGS, SEPTEMBER, 1959
2183	GEORGIA LANDINGS, OCTOBER, 1959
2184	CALIFORNIA LANDINGS, JULY, 1959
2185	RHODE ISLAND LANDINGS, SEPTEMBER, 1959
2186	FLORIDA LANDINGS, OCTOBER, 1959
2187	NEW JERSEY LANDINGS, OCTOBER, 1959
2188	MAINE LANDINGS, OCTOBER, 1959
2189	NEW YORK LANDINGS, OCTOBER, 1959
2190	TEXAS LANDINGS, OCTOBER, 1959
2191	MASSACHUSETTS LANDINGS, OCTOBER, 1959
2192	MISSISSIPPI LANDINGS, OCTOBER, 1959
2193	FISH MEAL AND OIL, NOVEMBER, 1959
2194	SHRIMP LANDINGS, SEPTEMBER, 1959
2195	LOUISIANA LANDINGS, JULY, AUGUST, SEPTEMBER, 1959
2196	MISSISSIPPI RIVER FISHERIES, ANNUAL, 1958
2197	OHIO LANDINGS, SEPTEMBER, 1959
2198	NORTH CAROLINA LANDINGS, NOVEMBER, 1959
2199	LAKE FISHERIES, ANNUAL, 1958
2200	OHIO LANDINGS, OCTOBER, 1959
2201	NEW JERSEY, NOVEMBER, 1959
2202	NEW ENGLAND FISHERIES, ANNUAL, 1958
2203	CHESAPEAKE FISHERIES, ANNUAL, 1958
2204	MANUFACTURED FISHERY PRODUCTS, ANNUAL, 1958
2205	PACIFIC COAST FISHERIES, ANNUAL, 1958

◆

U. S. GOVERNMENT PRINTING OFFICE : 1961 O - 593122